

MATHEMATICS

Choosing Your First Mathematics Course

It is important that you begin your mathematics sequence at the appropriate level for which you are qualified. You need to know your initial mathematics placement and exit requirement for your program. If you do not know your initial placement, contact the chair of the Department of Mathematics and Computer Science. Following are the different options if you have been placed at, below, or above your program's mathematics exit requirement.

If you have been placed at your program's exit requirement, then take that mathematics course as specified in the college catalog.

If you have been placed below your program's exit requirement, then take that mathematics course and then progress through the math sequence to the mathematics course listed as the exit requirement.

If you have been placed above your program's exit requirement, then take the mathematics course you are placed at, or an appropriate mathematics course elective listed below to fill a math requirement.

Mathematics Sequence

Algebra Sequence

SKLS 091 → MAGN 101 → MATH 102 → MATH 103 → MATH 147

Calculus Sequence

MATH 151 → MATH 152

MATH 147 MATH 261 → MATH 262

MATH 161 → MATH 162

The above information contains the sequence of mathematics courses for The Department of Mathematics and Computer Science at Morrisville State College. This does not include mathematics electives. A student must pass a course with a C or better to meet the pre-requisite for the next course in the sequence. Any student who passes a course with a C or better may not take a course lower in the sequence to receive mathematics credit. If a student elects to take a mathematics course as Pass/Not Pass, a grade of pass does not imply that a student is able to progress in the sequence. In order to progress in the sequence, the numeric grade will be used to determine if the student has met the prerequisite.

Mathematics course electives

MATH 123 Elementary Statistics

Prerequisite: MAGN 101 (C or better required) or placement into MATH 102

MATH 141 Statistics

Prerequisite: MATH 102 (C or better required) or placement into MATH 103

MATH 145 Discrete Mathematics

Prerequisite: MATH 102 (C or better required) or placement into MATH 103

MATH 149 Elementary Linear Algebra

Prerequisite: MATH 103 (C or better required) or placement into MATH 147

Transfer/Placement Information

Transfer credit

College mathematics courses taken at other institutions are evaluated and will be awarded transfer credit when appropriate.

How students are initially placed in a mathematics course

All incoming students are required to take a mandatory placement exam.* In addition to the result on the placement exam, other factors that may be considered include: high school mathematics grades, examinations (regents, state, SAT, or ACT), the number of attempts necessary to successfully complete high school mathematics courses, and the time elapsed since a student's last mathematics course.

*In some cases, college mathematics courses taken at other institutions and successfully transferred for credit may be considered in lieu of the placement exam.

How to find a student's mathematics placement/other questions

If a student's mathematics placement is needed, or if students or advisors have any other questions about mathematics placement, please contact the chair of The Department of Mathematics and Computer Science, or any member of the department.

Lowering placement after unsuccessful attempt

If a student begins a course but is not capable of finishing it because it is too difficult, the student may meet with the department chair to determine if a lower mathematics placement is more appropriate for subsequent semesters.

SUNY General Education

Students who successfully complete MATH 123 will fulfill the SUNY General Education requirement for Mathematics. Students who successfully complete MATH 102 or a mathematics course that has MATH 102 or greater as a prerequisite will fulfill the SUNY General Education requirement for Mathematics