

Corequisite Mathematics Courses – MSUM Advising Information Sheet

What are corequisite math courses?

Corequisite math courses are two courses that are completed during the same semester. One is the support course (remedial topics plus supplemental instruction) for the other which is a college level LASC course.

Why would a student take a co-requisite?

The corequisite option:

1. Allows students to complete a college-level mathematics course in their first semester of math while completing the corequisite support course versus completing a developmental mathematics course followed by a college level course the next semester.
2. Targets specific topics and objectives to supplement the college-level course.
3. Helps students get back on track or stay on track with the option to do in one semester what has previously taken two semesters.
4. Minimizes losing students in 'transition' from one semester to another as they see continuous progress and helps avoid anxiety regarding not being able to catch up.
5. Offers a reasonable challenge to students while still providing time to instill soft skills, such as good study habits and time management.

Who could take a co-requisite?

1. Students who place into a developmental math course that precedes the college level course but feel they just need remediation of topics and not a complete semester repeating topics they may have previously studied.
2. Students who may place in the college level course but choose to have additional support and review throughout the semester to help them be successful.
3. Students who have taken the college level course and were not successful. They are repeating the college level course and would benefit from the remediation in the corequisite course.

Why are there still developmental mathematics courses offered?

1. Some students do not meet the prerequisites for the corequisite. For instance, someone on the college algebra track needs to place into intermediate algebra to qualify for the corequisite. If they place into elementary algebra, they would start in the elementary algebra developmental mathematics course.
2. Students may start with corequisite courses and discover it is going too fast for them, so they can drop back to a developmental mathematics course.
3. Students may prefer to go slower and study the concepts more thoroughly to develop their skills and not just remediate skills they already possess.
4. Students may not have selected a major, or they may switch their majors. The developmental mathematics courses will set a solid foundation for whatever path they select or switch to. Corequisite courses do not meet the outcomes of developmental mathematics courses, so they cannot be substituted for meeting a prerequisite that specifies developmental mathematics.
5. Taking the developmental mathematics track does not always set students back in their program's progress. For instance, there are two paths to studying business calculus that would take two semesters: one through intermediate algebra and then algebra/business calculus course, and another through corequisite with college algebra and business calculus course.

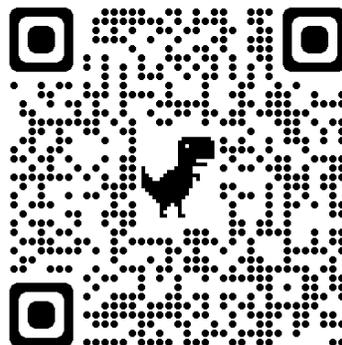
How does a student qualify for a corequisite course?

1. There are guidelines based on ACT, SAT, and AccuPlacer scores, in addition to high school gpa to help students select their math path. Students' initial course placement is visible to advisors on each student's information page in the [Advising & Early Alert System](#) (under "Show More Information").
2. If a student places into MATH090, Elementary Algebra, they may take MATH134 or MATH110 if they are also enrolled in the corequisite courses, MATH134C or MATH110C respectively.
3. A MATH105 student who chooses to have additional support may take MATH105C.
4. If a student places into MATH099, Intermediate Algebra, they may take MATH127 and MATH127C concurrently.
5. If a student places in MATH090A, Elementary Algebra with arithmetic, they do not qualify for a corequisite. They are better served taking a full semester of developmental mathematics.

More Information

A flowchart illustrating the current math pathways options and detailed placement information can be found at:

<https://www.mnstate.edu/academics/support/testing-services/course-placement/>



Questions or comments?

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