

2022-2023 Mathematics Placement Guide

To assist you and your advisees in choosing the appropriate mathematics course, we have prepared the following as an "advising-at-a-glance" guide.

| Type of Student | Recommendation |
|---|--|
| Students who want or need to take Calculus | MATH 176, Calculus I (FR) |
| Elementary Education candidates | MATH 105 and 106 (FR) – Mathematical Concepts for Elementary Teachers I & II Required for elementary education majors before the end of the sophomore year, <i>except for those minoring in mathematics, who must take the Calculus sequence</i> . Elementary Education majors who drop the mathematics minor may be required to take MATH 105/106 to address state required mathematics content. |
| Students who do not wish to take Calculus I, but want to take a Math course to satisfy their FR requirement | <i>One from the following:</i> MATH 110, Finite Mathematics (FR) MATH 135, Applications of Sets, Logic, and Recursion (FR) MATH 140, Mathematical Modeling: Finance (FR) MATH 141, Mathematical Modeling: Statistics (FR) MATH 200, Techniques of Mathematical Proof (FR) MATH 215, Linear Algebra (FR) |

NOTES:

- Placement into MATH 177 or 278 is allowed for those transferring AP/IB or college/university credit. For example, students with a score of 4 or 5 on the AP Calculus AB test may enroll in MATH 177 (Calculus 2), and a score of 4 or 5 on the AP Calculus BC test may enroll in MATH 278 (Calculus 3). Please consult the Math Dept. Chair with any questions on which course you should take.
- Effective Fall 2022: MATH 200 and MATH 215 do not have prerequisites.
- It is necessary in most mathematics courses to have required prerequisite courses. It is the policy of the Department of Mathematics, as found in the [University Catalog](#), that credit will not be allowed for any math course that is taken after the successful completion of another math course for which the first course was a prerequisite. Thus, if a math course is taken out of sequence, skipping a prerequisite course, then the prerequisite course, which still may be required for the major/minor, will not count towards the major/minor. Students should be aware that bypassing prerequisite courses can result in having to take additional courses to complete the major/minor.

You may wish to consult <https://www.iwu.edu/math/> for more information.