

## Math Department Course Update for Advisors

**Overview:** The Mathematics Department has officially removed MATH 070 and MATH 095 from the course catalog. MATH 101 will replace these non-transfer-level credit courses as the prerequisite for courses at the math 111 level (MATH 105, 106, 107, 111, 211, and 243). The placement assessment uses the adaptive placement and remediation software ALEKS PPL to place each student into an appropriate level of mathematics.

### **ALEKS Placement Scores**

Ready for Course	ALEKS score
Review needed. Use learning module and retake.	0-34
MATH 101. Foundations of Algebra and Mathematical Modeling	35-48
MATH 105. University Mathematics I.	49-65
MATH 106. University Mathematics II.	49-65
MATH 107. University Mathematics III.	49-65
MATH 111. College Algebra.	49-65
MATH 211. Fundamentals of Elementary Mathematics I.	49-65
MATH 243. Intro to Methods of Probability and Statistics.	49-65
MATH 112. Elementary Functions.	66-79
MATH 241. Calculus for Business and Social Science I.	66-79
MATH 231. Elements of Discrete Mathematics I.	80-100
MATH 246. Calculus for the Biological Sciences I.	80-100
MATH 251. Calculus I.	80-100

**Prerequisites:** With the addition of MATH 101 and ALEKS PPL, the math department began enforcing all prerequisites effective fall 2018. In particular, 101 is the new prerequisite for MATH 105, 106, 107, 111, 211, and 243.

**Placement Scores:** Students with placement into MATH 070 prior to summer 2018 will need to retake their placement assessment in ALEKS in order to enroll in mathematics courses. Students with placement into MATH 095 prior to summer 2018 will be automatically eligible for enrollment in MATH 101. Additionally, students who have taken a MATH 1XX course or MATH 243 at another school should take the ALEKS placement assessment. After taking the assessment, if the student believes their prior college course is beyond the placement they received, they should meet with a math advisor.

**Retaking ALEKS Placement:** If a student receives 0-34 on the ALEKS placement assessment, it is recommended that they take the assessment a second time. We highly encourage students to review with the ALEKS prep and learning module before their second attempt but it is not required. Each subsequent attempt after their second will require the student to spend at least three hours in the Prep and Learning Modules before they can test again. After completing the maximum of five attempts and consulting with an advisor, if an advisor still feels that the student's academic plan requires mathematics, the advisor can request a prerequisite override from the mathematics department, but (pending program availability) the student will be required to sign up for the Class Encore supplementary instruction program during their term of MATH 101. Also, any student can retake the ALEKS placement. For example, if they place into math 101 but want to try to improve their placement into math 111, they can also make multiple attempts.

**Prep and Learning Access:** Students will have access to the Prep and Learning Module for the six months following their first test. If they would like to extend that time frame, they would need to purchase their own renewed access to the system.

**College Credit and the BS Requirement:** Finally, note that, unlike MATH 095, MATH 101 does count toward the 180 college credits necessary for a degree at the UO. However, MATH 101 does not count toward the BS Math/CIS requirement, nor the science group requirement. (See the advising manual for courses which satisfy the BS. That list has not changed as a result of implementing 101.)

### Prerequisites Chart for Math Courses

