

UM Math Courses & Placement Exam Scores

Math placement at the University of Montana depends on two criteria: a student's declared major and placement level. Many incoming students (both freshmen and transfer) may need to take a placement exam before registering for a Math placement course at UM. The University utilizes Maplesoft Math placement exams and offers three version of the exam: Arithmetic (M01), Algebra (M02), and Calculus (M03). Students should take a specific version of the exam based on their declared or intended major. Students should speak with their Academic Advisor for exam selection guidance or visit: http://www.umt.edu/oss/for_students/mathplacement/

Access to Math Placement Exams: Students will complete the Maplesoft placement exam by logging in to Moodle, UM's online learning system, with their NetID and password. To login, visit: umonline.umt.edu.

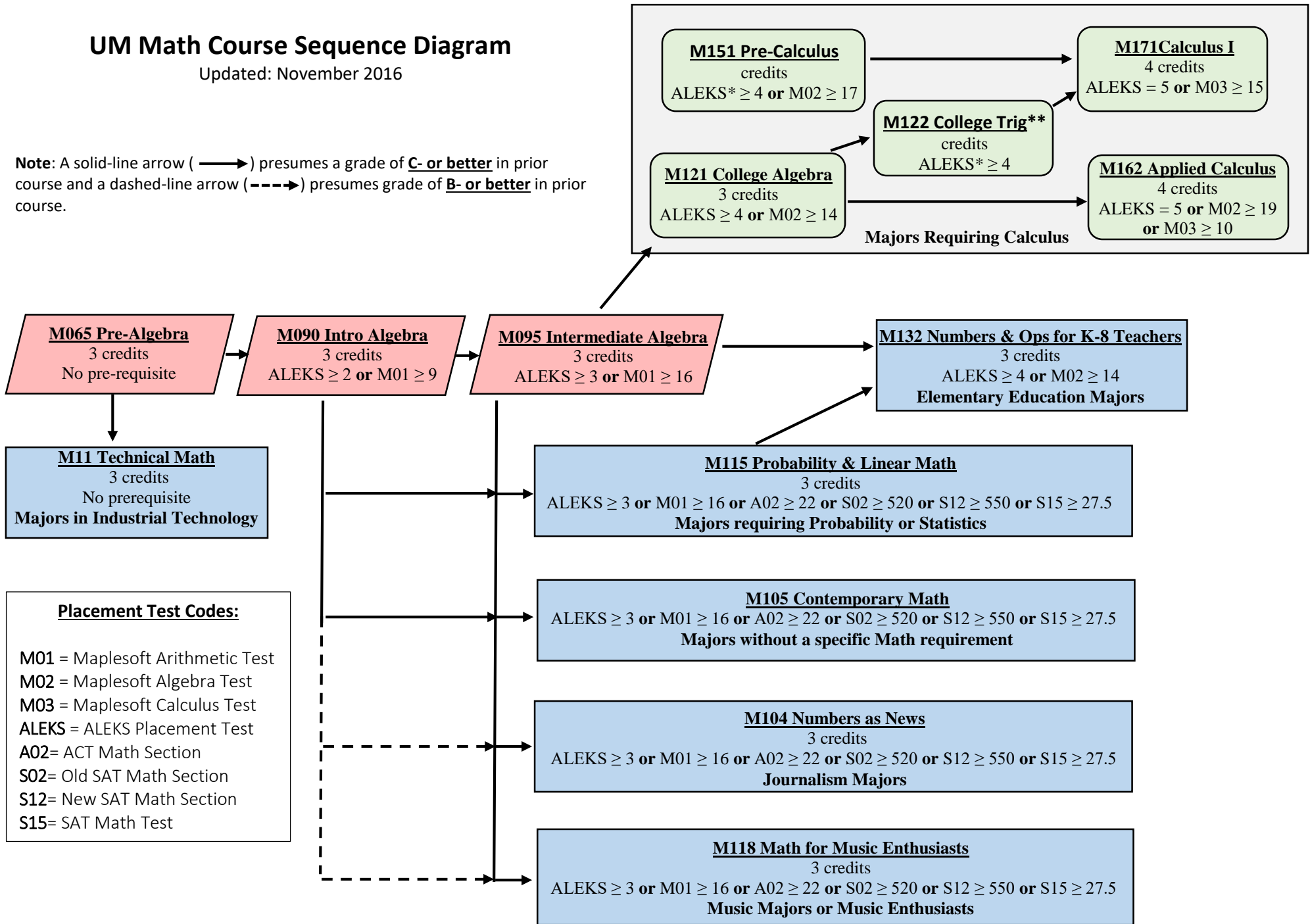
* Effective 12/31/16, the ALEKS math placement exam will be replaced by Maplesoft math placement exams and will no longer be used for math placement at UM. However, ALEKS scores received prior to 12/31/16 may still be used to satisfy prerequisites. **Alternative pre-requisites include ACT Math Score ≥ 22 or Old SAT Math Section ≥ 520 or New SAT Math Section ≥ 550 or SAT Math Test Score ≥ 27.5 (The new SAT test went into effect March 1, 2016)

UM Math Courses by Placement Exam Score	
Placement Exam Score	UM Math Course
No pre-requisite course	M065 Pre-Algebra
No pre-requisite course AND Industrial Technology Majors Only	M111 Technical Math
ALEKS ≥ 2 or M01 ≥ 9	M090 Introductory Algebra
ALEKS ≥ 3 or M01 ≥ 16	M095 Intermediate Algebra M104 Numbers as News** M105 Contemporary Math** M115 Probability & Linear Math** M118 Math for Music Enthusiasts**
ALEKS ≥ 4 or Consent of Instructor	M122 College Trigonometry
ALEKS ≥ 4 or M02 ≥ 14	M121 College Algebra M132 Numbers & Ops for K-8 Teachers
ALEKS ≥ 4 or M02 ≥ 17	M151 Pre-Calculus
ALEKS ≥ 5 or M02 ≥ 19 or M03 ≥ 10	M162 Applied Calculus
ALEKS ≥ 5 or M03 ≥ 15	M171 Calculus I

UM Math Course Sequence Diagram

Updated: November 2016

Note: A solid-line arrow (\longrightarrow) presumes a grade of C- or better in prior course and a dashed-line arrow (\dashrightarrow) presumes grade of B- or better in prior course.



Placement Test Codes:

- M01 = Maplesoft Arithmetic Test
- M02 = Maplesoft Algebra Test
- M03 = Maplesoft Calculus Test
- ALEKS = ALEKS Placement Test
- A02= ACT Math Section
- S02= Old SAT Math Section
- S12= New SAT Math Section
- S15= SAT Math Test