

UNLV Math Course Placement

One method UNLV uses to place students into their initial math courses is with the ALEKS program. It is an adaptive 60 to 90 minute test that consists of up to 30 questions. It can be taken remotely or in-person. Afterwards, students will be given a score and placed into a learning module. The score will determine your placement course. You will have the opportunity to work within your learning modules, and retake the test to improve your score in hopes of placing into a higher level math course.

- If you are unsure which math course requirement is needed for your major(s), it is recommended to meet with your academic advisor.

Calculus (181) Track

The **Calculus track** is composed of students pursuing majors that require taking and passing the course(s) **Math 126, 127, 128 or 181**.

To place into **Math 126**, you must score 61 or above on your ALEKS placement. You should work in the **Prep for Precalculus Learning Module** to earn a score of 61 or above.

To place into **Math 127 or 128**, you must score 61 or above and score 41 or above in ALEKS Trigonometry. You **MUST** work in the **Prep for Calculus Learning Module** in order to access Trigonometry Topics.

To be placed into **Math 181**, you must score 76 or above on your ALEKS placement. In order to earn a score of 76 or above, you must work in the **Prep for Calculus Training Module**.

**College of Engineering and College of Sciences each require their students complete Math 126 - Pre-Calculus I (or higher) with a minimum grade of C.*

College Algebra (124) Track

The **College Algebra track** is composed of students pursuing majors that require **Math 120 or 124**.

To place into **Math 120 or 124**, you must score 46 or above on your ALEKS placement. You should work in the **Prep for College Algebra Learning Module** to earn a score of 46 or above.

**Lee Business School requires that students complete Math 124 - College Algebra (or higher) with a minimum grade of C.*

Math Course Descriptions

Course Name	Placement/Prereq.	Course Description
Math 120 – Fundamentals of College Mathematics	ACT 20 SAT 510 ALEKS Score 30-60 C or better in Math 096	Real numbers; consumer mathematics; variation; functions, relations, and graphs; geometry of measurement; probability and statistics; sets and logic. Broad in scope course, emphasizes applications.
Math 124 – College Algebra	ACT 22 SAT 530 ALEKS Score 46-60 C or better in Math 096	Equations and inequalities; relations and functions; linear, quadratic, polynomial, exponential, and logarithmic functions; systems of linear equations and inequalities; matrices; sequences and series; binomial theorem.
Math 126 – Precalculus I	ACT 23 SAT 550 ALEKS Score 61-75 C or better in Math 124	Topics include fundamentals of algebra, functions and graphs, polynomial, rational, exponential, and logarithmic functions, and systems of linear equations.
Math 127 – Precalculus II	ACT 25 SAT 580 ALEKS Score 61-75 AND 41-100 in ALEKS Trig C or better in Math 126	Topics include circular functions, trigonometric identities and equations, conic sections, complex numbers, and discrete algebra.
Math 128 – Precalculus and Trigonometry	ACT 25 SAT 580 ALEKS Score 61-75 AND 41-100 in ALEKS Trig C or better in Math 096	Relations, functions, and their graphs; polynomial, rational, exponential, logarithm, and trigonometric functions; analytic trigonometry; systems of equations and inequalities; conics; mathematical induction; sequences and series. A combination of MATH 126 and MATH 127.
Math 181 – Calculus I	ACT 28 SAT 650 ALEKS Score 76-100 C or better in Math 127/128	Differentiation and integration of algebraic and transcendental functions with applications.

College and Major Math Requirements

**If the student does not place directly into the required math course for their chosen major, they must enroll in the corresponding Gateway/Corequisite course.*

Business Math Requirements

**Lee Business School requires that students complete Math 124 - College Algebra (or higher) with a minimum grade of C.*

Major	Math Required	Gateway Math/Coreq Math*	Math Bridge/ALEKS Cohort
Accounting, Entrepreneurship, Finance, Information Systems, International Business, Management, Marketing, Real Estate Economics BSBA	A grade of C or better in Math 127, 128, 132, 176, 181, or 182	Math 124	Calculus (181) track <i>*Since it is required to take Math 127, You MUST work in the Prep for Calculus Learning Module.</i>
Economics BA	Math 124	Math 124	College Algebra (124) track

Education Math Requirements

Major	Math Required	Gateway Math/Coreq Math*	Math Bridge/ALEKS Cohort
Early Childhood Education, Human Services, Special Education, Secondary English, Secondary Art, Secondary Social Studies	Math 120	Math 120E + 20B	College Algebra (124) track
Elementary Education	Any 6 credit college-level math <i>122 accepted; 122 + 123 strongly encouraged</i>	Math 120 or higher	College Algebra (124) track

Secondary Math	Math 181	Math 126E + 26B	Calculus (181) track
Secondary Biology, Secondary Physical Science, General Science	Math 181	Math 126E + 26B	Calculus (181) track

Engineering Math Requirements

**College of Engineering and College of Sciences each require their students complete Math 126 - Pre-Calculus I (or higher) with a minimum grade of C.*

Major	Math Required	Gateway Math/Coreq Math*	Math Bridge/ALEKS Cohort
Civil Engineering, Computer Engineering, Computer Science, Construction Management, Electrical Engineering, Entertainment Engineering & Design, Entertainment Technology & Design, Mechanical Engineering	Math 181	Math 126	Calculus (181) track

Fine Arts Math Requirements

Major	Math Required	Gateway Math/Coreq Math*	Math Bridge/ALEKS Cohort
Art, Art History, Dance, Film, Graphic Design & Media, Music, Theatre	Math 120	Math 120E + 20B	College Algebra (124) track
Landscape Architecture	Math 126	Math 126E + 26B	Calculus (181) track <i>*Since it is required to take Math 126, You MUST work in the Prep for Precalculus Learning Module.</i>
Architecture, Interior Architecture & Design	Math 126 + 127 or Math 128	Math 126E + 26B	Calculus (181) track <i>*Since it is required</i>

			<i>to take Math 127, You MUST work in the Prep for Calculus Learning Module.</i>
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Health Sciences Math Requirements

Major	Math Required	Gateway Math/Coreq Math*	Math Bridge/ALEKS Cohort
Healthcare Administration, Kinesiology, Nursing, Nutrition Sciences, Public Health	Math 124	Math 124E + 24B	College Algebra (124) track <i>*Since it is required to take Math 124, You MUST work in the Prep for College Algebra Learning Module.</i>
Comprehensive Medical Imaging	Math 126 + 127 or Math 128	Math 126E + 26B	Calculus (181) track
Health Physics	Math 181 + Math 182	Math 126E + 26B	Calculus (181) track

Hospitality Math Requirements

Major	Math Required	Gateway Math/Coreq Math*	Math Bridge/ALEKS Cohort
Hospitality Management	Math 120	Math 120E + 20B	College Algebra (124) track

Liberal Arts Math Requirements

Major	Math Required	Gateway Math/Coreq Math*	Math Bridge/ALEKS Cohort
African American & African Diaspora Studies, Anthropology, Asian & Asian American Studies, English, Gender &	Math 120	Math 120E + 20B	College Algebra (124) track

Sexuality Studies, History, Latinx & Latin American Studies, Multidisciplinary Studies, Philosophy, Political Science, Social Science Studies, Sociology, World Languages & Cultures			
Psychology	Math 124	Math 124E + 24B	College Algebra (124) track

Sciences Math Requirements

**College of Engineering and College of Sciences each require their students complete Math 126 - Pre-Calculus I (or higher) with a minimum grade of C.*

Major	Math Required	Gateway Math/Coreq Math*	Math Bridge/ALEKS Cohort
Biochemistry, Biological Sciences, Chemistry, Geology, Mathematics, Physics	Math 181	Math 126	Calculus (181) track
Earth & Environmental Studies, General Sciences	Math 126 + 127 or Math 128	Math 126	Calculus (181) track

Urban Affairs Math Requirements

Major	Math Required	Gateway Math/Coreq Math*	Math Bridge/ALEKS Cohort
Communication Studies, Criminal Justice, Journalism & Media Studies, Urban Studies	Math 120	Math 120E + 20B	College Algebra (124) track
Social Work	Math 124	Math 124E + 24B	College Algebra (124) track