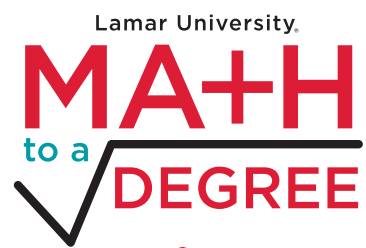


Math Pathways to a Degree at Lamar University



MATH 1332 and **MATH 1342** are designed for students who will need quantitative and statistical reasoning skills in their future careers. These courses are designed to develop critical thinking skills, helping you to understand and question mathematics and data presented to you in your field or in everyday life.

MATH 1332 and **PSYC 2317** are designed for students who will need to develop critical thinking skills and fundamental concepts in probability and statistics with appropriate applications. PSYC 2317 expands this by examining wider varieties of data and furthering your statistical understanding.

MATH 1314 and **MATH 1316** are for non-STEM students who need the fundamentals of algebra and trigonometry. These courses are frequently part of your pre-professional plan of study and required for graduate school. These courses, therefore, provide you with the foundation needed for entrance exams into those programs as well as the foundational math needed for your plan of study at LU.

MATH 2311, **MATH 2312**, **MATH 2413**, and **MATH 2414** form our STEM pathway. These courses are designed for future engineers, STEM majors, and others who expect to have math-heavy careers. These courses form the foundation of information you will need in your upper-level engineering, physics, and chemistry courses.

MATH 1324 and **BUAL 2310** are designed for students on the business pathway. These courses provide the basic algebraic tools and business concepts needed for students who are interested in pursuing marketing, accounting, finance, and other business fields. MATH 1324 presents algebraic concepts using business applications, immediately showing students why these tools are necessary in their future careers.

MATH 1314 and **MATH 1350** are designed for future teachers. MATH 1314 provides the algebraic basics necessary for students who will seek certification to teach elementary school, while MATH 1350 builds the necessary conceptual framework for many topics that you will someday teach, including multiple explanations of familiar topics.

