

MATH (PATHWAYS BEGINNING FALL 2012) (MAT)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

MAT 55. Pre-Algebra 3 Units

Grading Basis: Developmental Course - No Earned Hours

Term Typically Offered: Fall, Spring

Description: This is a basic education course taught by Jefferson Community and Technical College at UofL. Topics include operations on integers, decimals and fractions and an introduction to exponents, square roots, percents, ratios, proportions, prime factorization, basic geometry, algebraic expressions, basic linear equations, and applications.

Note: Placement in MAT 55 is the equivalent to placement in MT 55.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

MAT 65. Basic Algebra 3 Units

Grading Basis: Developmental Course - No Earned Hours

Term Typically Offered: Fall, Spring, Summer

Prerequisite(s): MAH 60, MT 55, MAT 55, or placement test recommendation.

Description: This is a basic education course taught by Jefferson Community and Technical College at UofL. Topics include linear equations and inequalities, integer exponents, polynomials, factoring, equations of lines and their graphs, systems of linear equations and applications.

Note: Placement in MAT 65 is equivalent to placement in MT 65.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

MAT 85. Intermediate Algebra: A Functional Approach 3 Units

Grading Basis: Developmental Course - No Earned Hours

Term Typically Offered: Occasionally Offered

Prerequisite(s): MAH 070, MT 065, MAT 65, or placement test recommendation.

Description: This is a basic education course taught by Jefferson Community and Technical College at UofL. Topics include rational expressions, radical expressions, rational exponents, graphing parabolas, inequalities, equations of lines, functions and applications, with emphasis on solving quadratic, rational, and radical equations.

Note: Placement in MAT 85 is equivalent to placement in MT 80.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)