

MATH3303 - Introduction to Mathematical Modeling

[MATH 3303](#) Introduction to Mathematical Modeling (3 semester credit hours) An introduction to construction, use, and analysis of empirical and analytical mathematical models. Emphasis on using appropriate technology with tools such as curve fitting, probability and simulation, difference and differential equations, and dimensional analysis. May not be used to satisfy mathematics requirements by students in Mathematics and may not be used to satisfy electives. Prerequisites: [MATH 2418](#) and a grade of at least a C- in either [MATH 2415](#) or in [MATH 2419](#). (3-0) Y