

# MAT 1335: Calculus II for Business

Analysis of multivariable problems: problem formulation, translation between mathematical symbols and verbal descriptions, multivariable modeling with real data, regression analysis, partial derivatives and unconstrained optimization, Lagrange multipliers and constrained optimization, matrix algebra, linear programming.

**Credits:** 3.0

**Prerequisites:**

MAT 1330

MAT 1500

(MAT 1330 :D- or MAT 1500 :D-)

**Program:** Mathematics and Statistics