

# ECO 3128: Intro Mathematical Econ

Variables and functions, matrices and determinants, difference equations, and calculus. Applications to economic and business problems, including market equilibrium, revenue and cost functions, marginal theory, maximization problems, input-output analysis, and selected deterministic models.

**Credits:** 3.0

**Prerequisites:**

ECO 1001

SBI 2005

ECO 1002

MAT 1310

MAT 1320

MAT 1330

MAT 1400

MAT 1500

(ECO 1001 or SBI 2005) and (ECO 1002) and (MAT 1310 or MAT 1320 or MAT 1330 or MAT 1400 or MAT 1500)

**Program:** Economics