

# Regression Analysis

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Last Updated: Tue, 03/17/2026

**Course prefix:** ISYE

**Course number:** 6414

**Section:** OAN

**CRN**

85134

**Instructor first name:** Nicoleta

**Instructor last name:** Serban

**Semester:** Fall

**Course description:**

Simple and multiple linear regression, inferences and diagnostics, generalized linear models and stepwise regression and regularized model selection.

**Academic honesty/integrity statement:**

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.