

Regression Analysis

Last Updated: Tue, 03/17/2026

Course prefix: ISYE

Course number: 6414

Section: QSZ

CRN

89253

Instructor first name: Nicoleta

Instructor last name: Serban

Semester: Fall

Academic year: 2026

Course description:

Simple and multiple linear regression, inferences and diagnostics, generalized linear models, 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. Every Student is expected to read, understand, and abide by the [Georgia Tech Academic Honor Code](#)