

## STAT1342 - Statistical Decision Making

[STAT 1342](#) ([MATH 1342](#)) Statistical Decision Making (3 semester credit hours) Principles of quantitative decision making: summarizing data, modeling uncertainty, loss functions, probability, conditional probability, random variables. Introduction to statistics: estimation, confidence intervals, hypothesis testing, regression. Introduction to statistical packages. May not be used to satisfy degree requirements for majors in the School of Engineering and Computer Science, or major requirements in the Schools of Management or Natural Sciences and Mathematics. Prerequisite: [MATH 1306](#) or [MATH 1314](#) or equivalent. (3-0) S