## Statistics

**STAT 200  Statistical Analysis**  credit: 3 hours.
Survey of statistical concepts, data analysis, designed and observational studies and statistical models. Statistical computing using a statistical package such as R or a spreadsheet. Topics to be covered include data summary and visualization, study design, elementary probability, categorical data, comparative experiments, multiple linear regression, analysis of variance, statistical inferences and model diagnostics. May be taken as a first statistics course for quantitatively oriented students, or as a second course to follow a basic concepts course. Credit is not given for both STAT 200 and STAT 212.

This course satisfies the General Education Criteria for a: 
Quantitative Reasoning I

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Quantitative Reasoning I course.
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration
Prerequisite STAT 100, AP credit, or equivalent statistics experience is assumed for this section.