### Statistics

**STAT 410  Statistics and Probability II**  credit: 3 OR 4 hours.
Continuation of STAT 400. Includes moment-generating functions, transformations of random variables, normal sampling theory, sufficiency, best estimators, maximum likelihood estimators, confidence intervals, most powerful tests, unbiased tests, and chi-square tests. Same as MATH 464. 3 undergraduate hours. 4 graduate hours. Credit is not given for both STAT 410 and STAT 409. Prerequisite: STAT 400; or STAT 100 and MATH 461.

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<th>CRN</th>
<th>Type</th>
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<th>Days</th>
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Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
For Statistics course registration information: go.illinois.edu/StatisticsRegistration

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**Note:**
- Credit Hours: 3 hours
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