# 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>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
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<td>Lecture-Discussion</td>
<td>A1G</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
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<td>1000 - Lincoln Hall</td>
<td>Lee, K</td>
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<td>Lee, K</td>
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Credit Hours: 4 hours  
Restricted to Graduate - Urbana-Champaign.  
Restricted to Statistics Graduate Students until Dec 1, 2014. Some seats are reserved for incoming Statistics graduate students. If you receive a Reserved-Closed error, that means the course is full except for the reserved seats.

Credit Hours: 3 hours  
Restricted to Undergrad - Urbana-Champaign.  
Restricted to students majoring in Statistics, Statistics & Computer Science or Actuarial Science until Dec 1, 2014. Some seats are reserved for incoming Statistics transfer students. If you receive a Reserved-Closed error, that means the course is full except for the reserved seats.

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