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.

<table>
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<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<td>MWF</td>
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Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Early registration is restricted to Statistics Graduate Students. This restriction is expected to be removed sometime during the business day May 5, 2015. 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.
Early registration is restricted to students majoring in Statistics, Statistics & Computer Science or Actuarial Science. This restriction is expected to be removed sometime during the business day May 5, 2015. Some seats are reserved for incoming Statistics transfer students. If you receive a Reserve-Closed error, that means the course is full except for the reserved seats. This course is set below capacity to hold space for students transferring to Statistics from other programs of study. Capacity may fluctuate.

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
Some (but not all) seats are reserved for incoming Statistics graduate students. If you receive a Reserve-Closed error, that means the course is full except for the reserved seats.

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Early registration is restricted to Statistics Graduate Students. This restriction is expected to be removed sometime during the business day May 5, 2015. 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.
Early registration is restricted to students majoring in Statistics, Statistics & Computer Science or Actuarial Science. This restriction is expected to be removed sometime during the business day May 5, 2015. 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. This course is set below capacity to hold space for students transferring to Statistics from other programs of study. Capacity may fluctuate.