Statistics

**STAT 425  Applied Regression and Design**  credit: 3 OR 4 hours.
Explores linear regression, least squares estimates, F-tests, analysis of residuals, regression diagnostics, transformations, model building, factorial designs, randomized complete block designs, Latin squares, split plot designs. Computer work is an integral part of the course. 3 undergraduate hours. 4 graduate hours. Prerequisite: STAT 410.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>48340</td>
<td>Lecture-Discussion</td>
<td>D1G</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>1090 - Lincoln Hall</td>
<td>Simpson, D</td>
</tr>
<tr>
<td>50354</td>
<td>Lecture-Discussion</td>
<td>D1U</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>1090 - Lincoln Hall</td>
<td>Simpson, D</td>
</tr>
<tr>
<td>61876</td>
<td>Lecture-Discussion</td>
<td>E1G</td>
<td>11:00 AM - 12:20 PM</td>
<td>TR</td>
<td>1090 - Lincoln Hall</td>
<td>Wang, M</td>
</tr>
<tr>
<td>61877</td>
<td>Lecture-Discussion</td>
<td>E1U</td>
<td>11:00 AM - 12:20 PM</td>
<td>TR</td>
<td>1090 - Lincoln Hall</td>
<td>Wang, M</td>
</tr>
</tbody>
</table>

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 or Statistics & Computer Science until Dec 1, 2014.

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 or Statistics & Computer Science until Dec 1, 2014.