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>62204</td>
<td>Lecture-Discussion</td>
<td>G4</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>160 - English Building</td>
<td>Liang, F</td>
</tr>
</tbody>
</table>

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Restricted to Statistics Graduate Students until May 5, 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.

| 30956 | Lecture-Discussion  | S1G     | 09:30 AM - 10:50 AM| TR   | 1090 - Lincoln Hall | Park, T    |

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Restricted to Statistics Graduate Students until May 5, 2014.

| 52528 | Lecture-Discussion  | S1U     | 09:30 AM - 10:50 AM| TR   | 1090 - Lincoln Hall | Park, T    |

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
Restricted to students majoring in Statistics or Statistics & Computer Science until May 5, 2014.

| 62207 | Lecture-Discussion  | U3      | 09:30 AM - 10:50 AM| TR   | 160 - English Building | Liang, F   |

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
Restricted to students majoring in Statistics or Statistics & Computer Science until May 5, 2014.