Mathematics

MATH 444  **Elementary Real Analysis**  credit: 3 OR 4 hours.
Careful treatment of the theoretical aspects of the calculus of functions of a real variable; topics include the real number system, limits, continuity, derivatives, and the Riemann integral. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Credit is not given for both MATH 444 and MATH 447. Prerequisite: MATH 241; MATH 347 or MATH 348, or equivalent.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning II

<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>32129</td>
<td>Lecture-Discussion</td>
<td>B13</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>243 - Altgeld Hall</td>
<td>Guo, J</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Quant Reasoning II course.
Restricted to majors in Mathematics only until Wednesday, April 18, 2012, at approximately 9 am. Non-majors may register starting April 18.

| 32130| Lecture-Discussion    | B14     | 09:00 AM - 09:50 AM | MWF  | 243 - Altgeld Hall | Guo, J     |

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.

| 32125| Lecture-Discussion    | F13     | 02:00 PM - 02:50 PM | MWF  | 243 - Altgeld Hall | Ruan, Z    |

Credit Hours: 3 hours
Quant Reasoning II course.
Restricted to majors in Mathematics only until Wednesday, April 18, 2012, at approximately 9 am. Non-majors may register starting April 18.

| 32127| Lecture-Discussion    | F14     | 02:00 PM - 02:50 PM | MWF  | 243 - Altgeld Hall | Ruan, Z    |

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.

| 32132| Lecture-Discussion    | P13     | 11:00 AM - 12:20 PM | TR   | 141 - Altgeld Hall | Hinkkanen, A |

Credit Hours: 3 hours
Quant Reasoning II course.
Restricted to majors in Mathematics only until Wednesday, April 18, 2012, at approximately 9 am. Non-majors may register starting April 18.

| 32134| Lecture-Discussion    | P14     | 11:00 AM - 12:20 PM | TR   | 141 - Altgeld Hall | Hinkkanen, A |

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.