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. 3 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Credit is not given for both MATH 444 and MATH 447. Prerequisite: MATH 241 (formerly MATH 243) or MATH 242; 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>C13</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>243 - Altgeld Hall</td>
<td>Boca, F</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Quant Reasoning II course.

| 32130| Lecture-Discussion       | C14     | 10:00 AM - 10:50 AM| MWF  | 243 - Altgeld Hall | Boca, F    |

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

| 32132| Lecture-Discussion       | N13     | 10:30 AM - 11:50 AM| TR   | 343 - Altgeld Hall | Hinkkanen, A|

Credit Hours: 3 hours
Quant Reasoning II course.

| 32134| Lecture-Discussion       | N14     | 10:30 AM - 11:50 AM| TR   | 343 - Altgeld Hall | Hinkkanen, A|

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

| 32125| Lecture-Discussion       | X13     | 12:00 PM - 12:50 PM| MWF  | 147 - Altgeld Hall | Li, X      |

Credit Hours: 3 hours
Quant Reasoning II course.

| 32127| Lecture-Discussion       | X14     | 12:00 PM - 12:50 PM| MWF  | 147 - Altgeld Hall | Li, X      |

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