Mathematics

MATH 444  **Elementary Real Analysis**  credit: 3 OR 4 hours.

(MATH 344) 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 242 or MATH 243; MATH 347 or MATH 348 or equivalent experience.

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>32130</td>
<td>Lecture-Discussion</td>
<td>G1G</td>
<td>03:00 PM - 03:50 PM</td>
<td>MWF</td>
<td>147 - Altgeld Hall</td>
<td>Ealy, C</td>
</tr>
</tbody>
</table>

Quant Reasoning II course.
Restricted to Graduate - Urbana-Champaign.

| 32129 | Lecture-Discussion  | G1U     | 03:00 PM - 03:50 PM | MWF  | 147 - Altgeld Hall | Ealy, C    |

Credit Hours: 3 hours
Quant Reasoning II course.
Restricted to Undergrad - Urbana-Champaign.

| 32134 | Lecture-Discussion  | N1G     | 10:30 AM - 11:50 AM | TR   | 343 - Altgeld Hall | Hinkkanen, A |

Quant Reasoning II course.
Restricted to Graduate - Urbana-Champaign.

| 32132 | Lecture-Discussion  | N1U     | 10:30 AM - 11:50 AM | TR   | 343 - Altgeld Hall | Hinkkanen, A |

Credit Hours: 3 hours
Quant Reasoning II course.
Restricted to Undergrad - Urbana-Champaign.

| 32127 | Lecture-Discussion  | X1G     | 12:00 PM - 12:50 PM | MWF  | 141 - Altgeld Hall | Kerman, E   |

Quant Reasoning II course.
Restricted to Graduate - Urbana-Champaign.

| 32125 | Lecture-Discussion  | X1U     | 12:00 PM - 12:50 PM | MWF  | 141 - Altgeld Hall | Kerman, E   |

Credit Hours: 3 hours
Quant Reasoning II course.
Restricted to Undergrad - Urbana-Champaign.