# 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 or 4 undergraduate hours. 3 or 4 graduate hours. Credit is not given for both MATH 444 and MATH 447. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241; MATH 347 or MATH 348, or equivalent.

<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>D13</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>145 - Altgeld Hall</td>
<td>Ivanov, S</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
This course is restricted to Mathematics, Math&CS, and Stat&CS majors initially, but the restriction will be removed during business hours on April 20, 2015. Current Statistics majors may consult with the Statistics advisor to determine whether they are eligible for an override before the restriction-remove date.

| 32130 | Lecture-Discussion  | D14     | 11:00 AM - 11:50 AM | MWF  | 145 - Altgeld Hall | Ivanov, S  |

Credit Hours: 4 hours
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall beginning on the first day of Fall semester.

| 32125 | Lecture-Discussion  | E13     | 01:00 PM - 01:50 PM | MWF  | 147 - Altgeld Hall | Ivanov, S  |

Credit Hours: 3 hours
This course is restricted to Mathematics, Math&CS, and Stat&CS majors initially, but the restriction will be removed during business hours on April 20, 2015. Current Statistics majors may consult with the Statistics advisor to determine whether they are eligible for an override before the restriction-remove date.

| 32127 | Lecture-Discussion  | E14     | 01:00 PM - 01:50 PM | MWF  | 147 - Altgeld Hall | Ivanov, S  |

Credit Hours: 4 hours
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall beginning on the first day of Fall semester.

| 32132 | Lecture-Discussion  | M13     | 09:30 AM - 10:50 AM | TR   | 241 - Everitt Laboratory | Hinkkanen, A |

Credit Hours: 3 hours
This course is restricted to Mathematics, Math&CS, and Stat&CS majors initially, but the restriction will be removed during business hours on April 20, 2015. Current Statistics majors may consult with the Statistics advisor to determine whether they are eligible for an override before the restriction-remove date.

| 32134 | Lecture-Discussion  | M14     | 09:30 AM - 10:50 AM | TR   | 241 - Everitt Laboratory | Hinkkanen, A |

Credit Hours: 4 hours
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall beginning on the first day of Fall semester.