Mathematics

MATH 453  **Elementary Theory of Numbers**  credit: 3 OR 4 hours.
Topics covered include divisibility, primes, congruences, quadratic reciprocity, and Farey sequences. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241 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>38037</td>
<td>Lecture-Discussion</td>
<td>M13</td>
<td>09:00 AM - 10:20 AM</td>
<td>TR</td>
<td>149 - Henry Administration Bldg</td>
<td>Zaharescu, A</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Quant Reasoning II course.
Open to both undergraduate and graduate students.

| 38040 | Lecture-Discussion    | M14     | 09:00 AM - 10:20 AM | TR   | 149 - Henry Administration Bldg | Zaharescu, A |

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Not intended for Undergrad - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall.

| 38042 | Lecture-Discussion    | X13     | 12:00 PM - 12:50 PM | MWF  | 145 - Altgeld Hall            | Hildebrand, A |

Credit Hours: 3 hours
Quant Reasoning II course.
Open to both undergraduate and graduate students.

| 38044 | Lecture-Discussion    | X14     | 12:00 PM - 12:50 PM | MWF  | 145 - Altgeld Hall            | Hildebrand, A |

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Not intended for Undergrad - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall.