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>
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</thead>
<tbody>
<tr>
<td>32147</td>
<td>Lecture-Discussion</td>
<td>D13</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>345 - Altgeld Hall</td>
<td>Schultz, A</td>
</tr>
</tbody>
</table>
|       | **Credit Hours:** 3 hours
  **Quant Reasoning II course.**

| 32150 | Lecture-Discussion    | D14     | 11:00 AM - 11:50 AM| MWF  | 345 - Altgeld Hall | Schultz, A |
|       | **Credit Hours:** 4 hours
  **Quant Reasoning II course.**
  **Instructor Approval Required**
  **Restricted to Graduate - Urbana-Champaign.**

| 32140 | Lecture-Discussion    | E13     | 01:00 PM - 01:50 PM| MWF  | 445 - Altgeld Hall | Rouse, J   |
|       | **Credit Hours:** 3 hours
  **Quant Reasoning II course.**

| 32144 | Lecture-Discussion    | E14     | 01:00 PM - 01:50 PM| MWF  | 445 - Altgeld Hall | Rouse, J   |
|       | **Credit Hours:** 4 hours
  **Quant Reasoning II course.**
  **Instructor Approval Required**
  **Restricted to Graduate - Urbana-Champaign.**