# Mathematics

**MATH 453  Elementary Theory of Numbers**  credit: 3 OR 4 hours.
Topics covered include divisibility, primes, congruences, quadratic reciprocity, and Farey sequences. 3 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Prerequisite: MATH 241 (formerly MATH 243) or MATH 242, or equivalent.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning II

<table>
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<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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<td>32140</td>
<td>Lecture-Discussion</td>
<td>D13</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>148 - Henry Administration Bldg</td>
<td>Ford, K</td>
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<tr>
<td>32144</td>
<td>Lecture-Discussion</td>
<td>D14</td>
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<td>MWF</td>
<td>148 - Henry Administration Bldg</td>
<td>Ford, K</td>
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<tr>
<td>32147</td>
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<td>141 - Altgeld Hall</td>
<td>Stolarsky, K</td>
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<tr>
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<td>12:00 PM - 12:50 PM</td>
<td>MWF</td>
<td>141 - Altgeld Hall</td>
<td>Stolarsky, K</td>
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Quant Reasoning II course.

Credit Hours: 4 hours
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Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.

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