Mathematics

MATH 181  **A Mathematical World**  credit: 3 hours.
Introduction to selected areas of mathematical sciences through application to modeling and solution of problems involving networks, circuits, trees, linear programming, random samples, regression, probability, inference, voting systems, game theory, symmetry and tilings, geometric growth, comparison of algorithms, codes and data management. Prerequisite: Three years of high school mathematics, including two years of algebra and one year of geometry.

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

<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>49144</td>
<td>Lecture-Discussion</td>
<td>F1</td>
<td>02:00 PM - 02:50 PM</td>
<td>MWF</td>
<td>141 - Altgeld Hall</td>
<td>Luo, R</td>
</tr>
</tbody>
</table>

Quantitative Reasoning I course.
Not intended for Engineering or Graduate College. Not intended for Mathematics or Statistics & Computer Science or Math & Computer Science major(s).
Math majors may register only with the permission of the department. Please email mathadvising@illinois.edu with name, UIN, and reason if a math major has a legitimate reason for wishing to take this course aimed at non-mathematical students.