Mathematics

MATH 403  **Euclidean Geometry**  credit: 3 OR 4 hours.

Selected topics from geometry, including the nine-point circle, theorems of Ceva and Menelaus, regular figures, isometries in the plane, ordered and affine geometries, and the inversive plane. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241; MATH 347 or 348, or equivalent; or consent of instructor.

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>30344</td>
<td>Lecture-Discussion</td>
<td>D13</td>
<td>11:00 AM-11:50 AM</td>
<td>MWF</td>
<td>143 - Altgeld Hall</td>
<td>Francis, G</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Quant Reasoning II course.

| 39114  | Lecture-Discussion| D14     | 11:00 AM-11:50 AM | MWF  | 143 - Altgeld Hall | Francis, G |

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.

| 54928  | Online            | XM      | ARRANGED -      | -    | -                | Francis, G Woods, D |

Online
Quant Reasoning II course.
This is an open enrollment section and all degree and nondegree students are eligible to enroll. For off-campus nondegree students, Academic Outreach restrictions and assessments may apply, see http://www.outreach.uiuc.edu.