Mathematics

MATH 446  **Applied Complex Variables**  credit: 3 OR 4 hours.
(MATH 346) For students who desire a working knowledge of complex variables; covers the standard topics and gives an introduction to integration by residues, the argument principle, conformal maps, and potential fields. Students desiring a systematic development of the foundations of the subject should take MATH 448. 3 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Credit is not given for both MATH 446 and MATH 448. Prerequisite: MATH 243 or MATH 380 or consent of instructor.

<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>39130</td>
<td>Lecture-Discussion</td>
<td>C1G</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>347 - Altgeld Hall</td>
<td>Lauber, A</td>
</tr>
</tbody>
</table>

Restricted to Graduate - Urbana-Champaign.

| 30355| Lecture-Discussion    | C1U     | 10:00 AM - 10:50 AM | MWF  | 347 - Altgeld Hall | Lauber, A  |

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.