Mathematics

MATH 446  **Applied Complex Variables**  credit: 3 OR 4 hours.
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. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Credit is not given for both MATH 446 and MATH 448. Prerequisite: MATH 241 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>
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<tbody>
<tr>
<td>30355</td>
<td>Lecture-Discussion</td>
<td>D13</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>347 - Altgeld Hall</td>
<td>Stolarsky, K</td>
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<tr>
<td>39130</td>
<td>Lecture-Discussion</td>
<td>D14</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>347 - Altgeld Hall</td>
<td>Stolarsky, K</td>
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</table>

Credit Hours: 3 hours

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