Mathematics

MATH 542  Complex Variables I  credit: 4 hours.
Topics include the Cauchy theory, harmonic functions, entire and meromorphic functions, and the Riemann mapping theorem.
Prerequisite: MATH 446 and MATH 447, or MATH 448.

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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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<tbody>
<tr>
<td>38169</td>
<td>Lecture-Discussion</td>
<td>B1</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>443 - Altgeld Hall</td>
<td>Ahlgren, S</td>
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<td>Merenkov, S</td>
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Students from the following programs must contact the Director of Graduate Studies in Mathematics <Laugesen@illinois.edu> to request permission to register for the course: MS:Economics:Policy Econ - UIUC, MS:Statistics - UIUC, MS:Statistics -- Applied - UIUC, MS: Statistics: Analytics, or MS: Financial Engineering.