Mathematics

MATH 448  **Complex Variables**  credit: 3 OR 4 hours.
For students who desire a rigorous introduction to the theory of functions of a complex variable; topics include Cauchy's theorem, the
residue theorem, the maximum modulus theorem, Laurent series, the fundamental theorem of algebra, and the argument principle.
3 or 4 undergraduate hours. 3 or 4 graduate hours. Credit is not given for both MATH 448 and MATH 446. 4 hours of credit requires
approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 447.

<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>30356</td>
<td>Lecture-Discussion</td>
<td>D13</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>137 - Henry Administration Bldg</td>
<td>Wu, J</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours

| 39131| Lecture-Discussion    | D14     | 11:00 AM - 11:50 AM | MWF  | 137 - Henry Administration Bldg | Wu, J      |

Credit Hours: 4 hours
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall beginning on the first day of Fall semester.