Class Schedule - Fall 2016

Mathematics

MATH 413  Intro to Combinatorics  credit: 3 OR 4 hours.
Permutations and combinations, generating functions, recurrence relations, inclusion and exclusion, Polya's theory of counting, and
block designs. Same as CS 413. 3 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and
completion of additional work of substance. Prerequisite: MATH 347 or MATH 348 or equivalent experience.

<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>62937</td>
<td>Lecture-Discussion</td>
<td>D13</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
<td>Yong, A</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
This course is restricted to Mathematics and Math&CS majors initially, but the restriction will be removed during business hours on April 21, 2016.

| 62938| Lecture-Discussion  | D14     | 11:00 AM - 11:50 AM | MWF  | 245 - Altgeld Hall | Yong, A    |

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

| 33533| Lecture-Discussion  | E13     | 01:00 PM - 01:50 PM | MWF  | 140 - Burrill Hall | Yong, A    |

Credit Hours: 3 hours
This course is restricted to Mathematics and Math&CS majors initially, but the restriction will be removed during business hours on April 21, 2016.

| 39117| Lecture-Discussion  | E14     | 01:00 PM - 01:50 PM | MWF  | 140 - Burrill Hall | Yong, A    |

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.