Class Schedule - Fall 2018

Mathematics

MATH 595  **Advanced Topics in Mathematics**  credit: 1 TO 4 hours.
See Class Schedule for current topics. 1 to 4 graduate hours. No professional credit. May be repeated in the same or separate semesters. Prerequisite: 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>66669</td>
<td>Lecture-Discussion</td>
<td>DIE</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>145 - Altgeld Hall</td>
<td>Hieronymi, P</td>
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</tbody>
</table>

Credit Hours: 2 hours
Definability in expansions
Restricted to Graduate - Urbana-Champaign.

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<tr>
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<th>Instructor</th>
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<tbody>
<tr>
<td>51374</td>
<td>Lecture-Discussion</td>
<td>FSF</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>145 - Altgeld Hall</td>
<td>Cliff, E</td>
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Credit Hours: 2 hours
Factorization space
Restricted to Graduate - Urbana-Champaign.
Factorization spaces, factorization algebras, and chital algebras

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<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>48013</td>
<td>Lecture-Discussion</td>
<td>INQ</td>
<td>12:00 PM - 12:50 PM</td>
<td>MWF</td>
<td>243 - Altgeld Hall</td>
<td>Nevins, T</td>
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Credit Hours: 2 hours
Intro to quiver varieties
Restricted to Graduate - Urbana-Champaign.
Introduction to Nakajima quiver varieties

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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>57745</td>
<td>Lecture-Discussion</td>
<td>NSP</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>331 - Gregory Hall</td>
<td>Stojanoska, V</td>
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Credit Hours: 2 hours
Nilpotence and Periodicity
Restricted to Graduate - Urbana-Champaign.
Topic: Nilpotence and Periodicity in Stable Homotopy Theory See https://math.illinois.edu/academics/courses/timetable for the full course description.

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<tr>
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<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>48012</td>
<td>Lecture-Discussion</td>
<td>OPG</td>
<td>03:00 PM - 03:50 PM</td>
<td>MWF</td>
<td>445 - Altgeld Hall</td>
<td>Mineyev, I</td>
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Credit Hours: 2 hours
Open Problems in group theory
Restricted to Graduate - Urbana-Champaign.
Not intended for MS:Economics:Policy Econ -UIUC or MS:Economics:Policy Econ -UIUC.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Lecture-Discussion</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>64464</td>
<td></td>
<td>11:00 AM - 12:20 PM</td>
<td>TR</td>
<td>141 - Altgeld Hall</td>
<td>Di Francesco, P</td>
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Credit Hours: 4 hours
Symmetric polynomials
Restricted to Graduate - Urbana-Champaign.