Mathematics

MATH 532  **Analytic Theory of Numbers II**  credit: 4 hours.
Development of themes from MATH 531 and further topics chosen from additive number theory, asymptotic properties of multiplicative functions, circle method, diophantine approximation, lattice point problems, metric theory, modular forms, sieve theory. May be repeated. Prerequisite: MATH 531.

<table>
<thead>
<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>38176</td>
<td>Lecture-Discussion</td>
<td>D1</td>
<td>12:30 PM - 01:50 PM</td>
<td>TR</td>
<td>447 - Altgeld Hall</td>
<td>Zaharescu, A</td>
</tr>
</tbody>
</table>


Students from the following programs must contact the Director of Graduate Studies in Mathematics <rdeville@illinois.edu> to request permission to register for the course: MS:Economics:Policy Econ - UIUC or MS: Financial Engineering.