Mathematics

MATH 561  Theory of Probability I  credit: 4 hours.
Mathematical foundations of probability and stochastic processes; probability measures, random variables, distribution functions, convergence theory, the Central Limit Theorem, conditional expectation, and martingale theory. Same as STAT 551. Prerequisite: MATH 541 or 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>38173</td>
<td>Lecture-Discussion</td>
<td>G1</td>
<td>03:00 PM - 03:50 PM</td>
<td>MWF</td>
<td>347 - Altgeld Hall</td>
<td>Laugesen, R</td>
</tr>
</tbody>
</table>