Physics

PHYS 505  **Classical Electromagnetism**  credit: 4 hours.
Review of Maxwell's equations; relativistic formulation of the electromagnetic field and the motion of charged particles; plane and guided waves; retarded potentials; radiation from simple antennas; radiation from accelerated charged particles; scattering and further topics. Prerequisite: PHYS 436.

<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>30700</td>
<td>Lecture</td>
<td>A</td>
<td>11:00 AM - 12:20 PM</td>
<td>TR</td>
<td>136 - Loomis Laboratory</td>
<td>Eckstein, J</td>
</tr>
</tbody>
</table>

Restricted to Graduate - Urbana-Champaign.