Physics

PHYS 583  **Advanced Field Theory**  credit: 4 hours.
Quantization and Feynman path integral; gauge theories and renormalization; renormalization group with applications to particle physics and critical phenomena; approximation methods and recent developments. Prerequisite: PHYS 582.

<table>
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<th>CRN</th>
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<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>36786</td>
<td>Lecture</td>
<td>A</td>
<td>02:00 PM - 03:20 PM</td>
<td>TR</td>
<td>136 - Loomis Laboratory</td>
<td>Leigh, R</td>
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Restricted to Graduate - Urbana-Champaign.