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 or consent of instructor.

<table>
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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>09:00 AM - 10:20 AM</td>
<td>MW</td>
<td>158 - Loomis Laboratory</td>
<td>Fradkin, E</td>
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