Physics

PHYS 510  **Nonlinear Dynamics**  credit: 4 hours.
Broad introduction to nonlinear dynamics of physical systems with varying degrees of complexity; surveys a variety of concepts associated with bifurcation phenomena, mappings, nonlinear oscillations, chaotic behavior, strange attractors, solitons, and topics of current interest. Prerequisite: One of MATH 241 (formerly MATH 243) or MATH 380, MATH 385, or equivalent; PHYS 326 or equivalent; or consent of instructor.

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<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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<td>32799</td>
<td>Lecture</td>
<td>A</td>
<td>09:30 AM - 10:20 AM</td>
<td>MWF</td>
<td>257 - Loomis Laboratory</td>
<td>Hubler, A</td>
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