Physics

**PHYS 485  Atomic Phys & Quantum Theory**  credit: 3 hours.
Basic concepts of quantum theory which underlie modern theories of the properties of materials; elements of atomic and nuclear theory; kinetic theory and statistical mechanics; quantum theory and simple applications; atomic spectra and atomic structure; molecular structure and chemical binding. 3 undergraduate hours. 3 graduate hours. Credit is not given for both PHYS 485 and CHEM 442. Prerequisite: MATH 285 and PHYS 214.

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<tr>
<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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<tr>
<td>30685</td>
<td>Lecture</td>
<td>A</td>
<td>02:00 PM - 03:20 PM</td>
<td>MW</td>
<td>136 - Loomis Laboratory</td>
<td>DeMarco, B</td>
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