Physics

PHYS 420  **Space, Time, and Matter**  credit: 2 hours.
Philosophical examination of some fundamental concepts and theories of the physical world, such as time, matter, space, and geometry; interpretation of quantum theory. Graduate students write an additional paper. Same as PHIL 420. Approved for both letter and S/U grading. Credit is not given for both PHYS 420 and PHYS 419. Junior standing is required. Prerequisite: One physical science course; one of PHYS 214, PHIL 101, PHIL 270, PHIL 317.

<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>45795</td>
<td>Lecture</td>
<td>NAC</td>
<td>02:30 PM - 03:50 PM</td>
<td>TR</td>
<td>144 - Loomis Laboratory</td>
<td>Leggett, A</td>
</tr>
</tbody>
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Meets with and is the same as PHYS 419 except for carrying only 2 hours credit, requiring no final term paper and not satisfying the Advanced Composition requirement. Do not register for both 419 and 420.