CHEM 442  **Physical Chemistry I**  credit: 4 hours.
Lectures and problems focusing on microscopic properties. CHEM 442 and CHEM 444 constitute a year-long study of chemical principles. CHEM 442 focuses on quantum chemistry, atomic and molecular structure, spectroscopy and dynamics. 4 undergraduate hours. 4 graduate hours. Credit is not given for both CHEM 442 and PHYS 485. Prerequisite: CHEM 204 or CHEM 222; MATH 225 or MATH 415, and a minimal knowledge of differential equations, or equivalent; and PHYS 211, PHYS 212, and PHYS 214 or equivalent.

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<th>Time</th>
<th>Days</th>
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<th>Instructor</th>
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<td>30840</td>
<td>Lecture</td>
<td>1</td>
<td>01:00 PM - 02:15 PM</td>
<td>MTWR</td>
<td>161 - Noyes Laboratory</td>
<td>Nicely, A</td>
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Meets 12-Jun-17 - 03-Aug-17.