Class Schedule - Spring 2016

Chemistry

CHEM 576  **Computational Chemical Biology**  credit: 4 hours.
Hands-on introduction to the simulation of biological molecules and bioinformatics. Topics included the principles of molecular modeling, molecular dynamics and monte carlo simulations, structure prediction in the context of structural and functional genomics, and the assembly of integrated biological systems. Course counts towards the CSE option. Same as BIOP 576 and CSE 576. 4 graduate hours. No professional credit. Prerequisite: One semester of undergraduate biochemistry and statistical thermodynamics or consent of instructor. Recommended: proficiency in Matlab and CS 101 or equivalent.

<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>63281</td>
<td>Lecture</td>
<td>A</td>
<td>01:00 PM - 01:50 PM</td>
<td>MWF</td>
<td>132 - Davenport Hall</td>
<td>Luthey-Schulten, Z</td>
</tr>
</tbody>
</table>