Bioengineering

BIOE 414  Biomedical Instrumentation  credit: 3 hours.
Engineering aspects of the detection, acquisition, processing, and display of signals from living systems; biomedical sensors for measurements of biopotentials, ions and gases in aqueous solution, force, displacement, blood pressure, blood flow, heart sounds, respiration, and temperature; therapeutic and prosthetic devices; medical imaging instrumentation. Same as ECE 414. 3 undergraduate hours. 3 graduate hours. Prerequisite: BIOE 205, ECE 205 or ECE 210.

<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>33725</td>
<td>Discussion/Recitation</td>
<td>B</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>2101 - Everitt Laboratory</td>
<td>Dobrucki, W</td>
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</tbody>
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Restricted to BS:Bioengineering - UIUC.
Although major restrictions will be lifted on December 7, the department will continue to have some seats reserved for BIOE majors through the 10th day of class. No overrides will be given.