Bioengineering

BIOE 572 Biological Measurement II  credit: 4 hours.
With special focus on medical imaging, learn about advanced techniques relating to state-of-the-art bioinstrumentation technologies. Topics will broadly include fluorescence, genomic and proteomic diagnostics, biosensors, ultrasound imaging, microscopy and their uses relevant to physiological changes related to major human diseases. 4 graduate hours. No professional credit. Prerequisite: BIOE 571. For students enrolled in the M.Eng in Bioengineering degree program.

<table>
<thead>
<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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<tbody>
<tr>
<td>63435</td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>02:00 PM - 03:20 PM</td>
<td>TR</td>
<td>3217 - Everitt Laboratory</td>
<td>Best, C Bhargava, R Dobrucki, W Pan, D Sutton, B</td>
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Restricted to MENG:Bioeng:Gen Bioeng -UIUC or MENG:Bioeng:Bioinstrument-UIUC.