Bioengineering

BIOE 201  Conservation Principles Bioeng  credit: 3 hours.
Material, energy, charge, and momentum balances in biological problems. Steady-state and transient conservation equations for mass, energy, charge, and momentum will be derived and applied to mathematically analyze physiological systems using basic mathematical principles, physical laws, stoichiometry, and thermodynamic properties. Prerequisite: CHEM 104, MCB 150, and PHYS 211.

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<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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</thead>
<tbody>
<tr>
<td>48270</td>
<td>Lecture</td>
<td>AL1</td>
<td>11:00 AM - 12:20 PM</td>
<td>TR</td>
<td>2101 - Everitt Laboratory</td>
<td>Amos, J</td>
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</tbody>
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Restricted to Bioengineering major(s).
This class is restricted to Bioengineering Majors only.