### Suggested 4-Year Academic Flowchart

**B.S. in BIOMEDICAL ENGINEERING**  
(Bioinstrumentation Concentration)

#### 2015-2017 Catalog

**Updated 5/14/2015**

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#### FRESHMAN

<table>
<thead>
<tr>
<th>Major</th>
<th>Writing</th>
<th>Support</th>
<th>Concentration</th>
<th>General Ed.</th>
<th>Graduation Writing Requirement (GWR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMED 101 (4)</td>
<td>ENGL 133 or 134 (4)**</td>
<td>(MATH 141)</td>
<td>Course # (Units)</td>
<td>(Prerequisites)</td>
<td>(Students can attempt to fulfill the requirement after 80 earned units; students should complete the requirement before senior year)</td>
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#### SOPHOMORE

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#### JUNIOR

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#### SENIOR

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**Notes:**

**MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET**

* Refer to current catalog for prerequisites.

** One course from each of the following GE areas must be completed: A1, A2, C1, C2, C3, C4, D1, D2, D3, D4. C4 should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).

USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D3, or D4.

1 Select from the following: BIO 232, BIO 302, BIO 303, BIO/CHEM 441, or CHEM 312.

2 Select from the following: BMED 515, BMED 555, EE 302 & 342, or EE 335 & 375.

3 Course can be taken previously or concurrently.

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### Legend:

- **Major (43)**
- **Support (80)**
- **Concentration (31-32)**
- **General Ed. (40)**

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[Updated 5/14/2015]