Program: Biomedical/Bioengineering  
CIP: 14.0501

Track: 1  

Offered At: FIU  
FGCU  
UF*  

Program Length: 128 Cr. Hrs.  
129  
132  

Revised 9/1/2011  
Technical course addition 10/23/2013  
REVISED 10/28/15  
Technical revision 7/6/2018

**LOWER LEVEL COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr. Hrs.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MACX311</td>
<td>4</td>
<td>Calculus I with Analytical Geometry</td>
</tr>
<tr>
<td>MACX312</td>
<td>4</td>
<td>Calculus II with Analytical Geometry</td>
</tr>
<tr>
<td>MACX313</td>
<td>4</td>
<td>Calculus III with Analytical Geometry</td>
</tr>
<tr>
<td>MACX281</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MACX282</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MACX283</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MAPX302</td>
<td>3</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>CHMX045C</td>
<td>4</td>
<td>Chemistry I &amp; lab</td>
</tr>
<tr>
<td>CHMX046C</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHMX096C</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BSCX010C</td>
<td>1</td>
<td>General Biology I and Laboratory</td>
</tr>
</tbody>
</table>

**Natural Sciences:**

- Take both courses:
  - CHMX045/X045L 4
  - CHMX440/X440L 4
  - CHMX095/X095L 4
- PHYX048C 5
- PHYX048 4
- Select one:
  - PHYX048L 1
  - PHYX064L 1
- PHYX049C 5
- PHYX049 4
- Select from the following:
  - PHY049L 1
  - PHYX064L 1
- Take all of the following:
  - PHYX046 4
- Take both courses:
  - CHMX046/X046L 4
- CHMX046C (Please see notes in the following page)
- CHMX096C 4

**Please see notes in the following page**
(Continues from previous page)

(1) UF requires CHMX217 or both CHMX210 and CHMX211.
* Limited Access.