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

<table>
<thead>
<tr>
<th>LOWER LEVEL COURSES</th>
<th>Cr. Hrs.</th>
<th>Gen.Ed**</th>
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<tbody>
<tr>
<td>MACX311</td>
<td>4</td>
<td>Calculus I with Analytical Geometry</td>
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<tr>
<td>MACX312</td>
<td>4</td>
<td>Calculus II with Analytical Geometry</td>
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<td>MACX313</td>
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<td>Calculus III with Analytical Geometry</td>
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<td>MACX283</td>
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<td>MAPX302</td>
<td>3</td>
<td>Differential Equations</td>
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Natural Sciences:

- CHMX045C 4 Chemistry I & lab
- Take both courses:
  - CHMX045/X045L 4
- Take both courses:
  - CHMX440/X440L 4
- Take both courses:
  - CHMX095/X095L 4
- PHYX048C 5
- PHYX048 4
- Select one:
  - PHYX048L 1
  - PHYX064L 1
- PHYX049C 5 Physics Laboratory II
- Take all of the following:
  - PHYX049 4
  - Select from the following:
    - PHY049L 1
    - PHYX064L 1
- Take both courses:
  - CHMX046/X046L 4
- Take both courses:
  - CHMX096/X096L 4
- CHMX046C (Please see notes in the following page)
- CHMX096C 4

- BSCX010C 1 General Biology I and Laboratory
- Take the following:
  - BSCX010 3
  - Select from the following:
UF requires CHMX217 or both CHMX210 and CHMX211.

* Limited Access.