Program: Biomedical/Bioengineering  
CIP: 14.0501  
Track: 1  
Offered At: FIU  
FGCU  
FAMU, FSU  
UF*  

Program Length: 128 Cr. Hrs.  
FGCU: 129  
FAMU, FSU: 131  
UF*: 132

Revised 9/1/2011  
Technical course addition 10/23/2013  
REVISED 10/28/15  
Technical revision 7/6/2018  
Revised 10/24/2018  
Technical 12/20/2018

**LOWER LEVEL COURSES**

<table>
<thead>
<tr>
<th>Cr. Hrs.</th>
<th>Course Description</th>
<th>Gen.Ed**</th>
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<tr>
<td>4</td>
<td>MACX311 Calculus I with Analytical Geometry</td>
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<td>4</td>
<td>MACX312 Calculus II with Analytical Geometry</td>
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<td>4</td>
<td>MACX313 Calculus III with Analytical Geometry</td>
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Select from the following:
- MAPX302 3 Differential Equations
- MAPX305 3 Different Equations for Engineers
- ECHX301 3 Intro to Process Analysis and Design

Natural Sciences:
- CHMX045C 4 Chemistry I & lab

Take both courses:
- CHMX045/X045L 4

Take both courses:
- CHMX095/X095L 4

CHMX440C 4

PHYX048C 5

Select one:
- PHYX048L 1
- PHYX064L 1

PHYX049C 5 Physics Laboratory II

Take all of the following:
- PHYX049 4

Select from the following:
- PHYX049L 1
- PHYX064L (Please see notes in the following page)

Take both courses:
- CHMX046/X046L 4

Take both courses:
- CHMX096/X096L 4
- CHMX046C 4
(Continues from previous page)

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