**LOWER LEVEL COURSES**

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<th>Course</th>
<th>Cr. Hrs.</th>
<th>Description</th>
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<tr>
<td>MACX311</td>
<td>4</td>
<td>Calculus I with Analytical Geometry</td>
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<tr>
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<td>4</td>
<td>Calculus II with Analytical Geometry</td>
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<td>MACX313</td>
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<td>MACX282</td>
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<td>MAPX302</td>
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<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
    - PHY064L 1
- Take both courses:
  - CHMX046/X046L 4
- Take both courses:
  - CHMX096/X096L 4
- CHMX046C
- CHMX096C

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