**LOWER LEVEL COURSES**

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<th>Course Code</th>
<th>Cr. Hrs.</th>
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<td>MACX311</td>
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<td>Calculus I with Analytical Geometry</td>
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<td>MACX283</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

- 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 (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.