Program: Chemistry

Offered At: FAMU, FAU, FGCU, FIU, FSU, UCF, UF, UNF, USF, UWF

CIP: 40.0501
Track: 1/3
Program Length: 120 Cr. Hrs.

Revised 5/27/09
Revised 2/24/2010

LOWER LEVEL COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr. Hrs.</th>
<th>Gen.Ed**</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHMX045/X045L</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>CHMX040</td>
<td>3</td>
<td>Yes</td>
</tr>
<tr>
<td>CHMX041</td>
<td>3</td>
<td>Yes</td>
</tr>
<tr>
<td>CHMX045C</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>CHMX046/X046L</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>CHMX046C</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>MACX311</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>MACX281</td>
<td>3</td>
<td>Yes</td>
</tr>
<tr>
<td>MACX312</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>MACX282</td>
<td>3</td>
<td>Yes</td>
</tr>
<tr>
<td>CHMX210/X210L</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>CHMX211/X211L</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>CHMX210C</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>CHMX211C</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>PHYX048/X048L (1)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYX049/X049L (1)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYX048C (1)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYX049C (1)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYX053/X053L (2)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYX054/X054L (2)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYX053C (2)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYX054C (2)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

(1) The PHYX048/PHYX049 sequence is required for the Bachelor in Science degree. It is an option for the Bachelor in Arts degree.

(2) The PHYX053/PHYX054 sequence is not accepted for the Bachelor in Science degree.