# University of Nevada, Las Vegas (UNLV)
## College of Sciences, School of Life Sciences
### B.A. Chemistry
#### 2010-2012 Catalog

**University Credit Requirements for Graduation**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Required Course</th>
<th>Credits</th>
<th>Required Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Core Requirements</strong></td>
<td></td>
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<tr>
<td>English Composition:</td>
<td>English Composition: ENG 101</td>
<td>3</td>
<td>Humanities and Fine Arts: (see course choices in the catalog—Academic Policies)</td>
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<tr>
<td></td>
<td>English Composition: ENG 102</td>
<td>3</td>
<td>Humanities: 2 courses in two different fields</td>
<td>6</td>
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<tr>
<td>Literature: Either ENG 231 or 232 (World Literature I or II)</td>
<td>3</td>
<td>Fine Arts: 1 appreciation or introductory course</td>
<td>3</td>
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<tr>
<td>United States and Nevada Constitution</td>
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<tr>
<td>One Course Option (fills both US and NV): EITHER HIS 100 or PSC 101</td>
<td>4</td>
<td>Social Sciences: 3 courses in three different fields</td>
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<tr>
<td>Two Course Option:</td>
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<tr>
<td>US Constitution: HIST 101,106,401,412, PSC 304,330,409c, PUA 241</td>
<td>3</td>
<td>Multicultural Requirement: (Multicultural issues within the United States only)</td>
<td>3*</td>
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<tr>
<td>NV Constitution: HIST 102,217,402,417A, PSC 100,401D</td>
<td>3</td>
<td>see course choices <a href="http://www.unlv.edu/committees/gec">www.unlv.edu/committees/gec</a></td>
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<tr>
<td>Transfer students--see the Advising Center regarding Constitution</td>
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<tr>
<td>Mathematics: filled by major requirement MATH 181 Calculus I below</td>
<td>see course choices <a href="http://www.unlv.edu/committees/gec">www.unlv.edu/committees/gec</a></td>
<td>3*</td>
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</tbody>
</table>

**Electives**

- SCI 101 Student Orientation (REQUIRED for all first time freshmen who matriculate Fall 2007 forward) | 1 |
- UNLV Upper Division electives: required ONLY to reach 40 Upper Division credits (ANY 300-400 level courses offered at UNLV) ~ 19 credits |
- UNLV electives: required ONLY to reach 124 total credits (these can be ANY 100-400 level courses offered at UNLV) ~ 20 credits |

**Chemistry Major Course Requirements**

- **Chemistry Major Course Requirements**
  - No more than one grade of “D” in any Chemistry Course |
  - CHEM 121/121L: Corequisite MATH 127 or 128; prerequisite > C in CHEM 103 or pass Chem Pretest; see: http://sciences.unlv.edu/Chemistry/policy.htm |
  - CHEM402 Scientific Software for the Microcomputer | 1 |
  - CHEM421 Physical Chemistry I | 3 |
  - CHEM121/121L General Chemistry I | 4 |
  - CHEM491 Senior Seminar in Chemistry | 1 |
  - CHEM122/122L General Chemistry II | 4 |
  - CHEM241 Organic Chemistry I | 3 |
  - CHEM347 Laboratory Techniques of Organic Chemistry I | 1 |
  - CHEM242 Organic Chemistry II | 3 (1) |
  - CHEM348 Laboratory Techniques of Organic Chemistry II | 2 (2) |
  - CHEM355 Quantitative Analysis | 3 (3) |
  - CHEM355L Quantitative Analysis Laboratory | 2 |

**Related Course Requirements**

- MATH 181 Calculus I | 4 |
- MATH 182 Calculus II | 4 |
- Computer Science | OR |
- CS 117 or CS 135 | 3 |
- PHYS 180/180L Engineering Physics I | 4 |
- PHYS 181/181L Engineering Physics II | 4 |
- PHYS 182/182L Engineering Physics III | 4 |

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**UNLV College of Sciences Advising Center**

MPE-A 130 702-895-2077

**Department of Chemistry**

CHE 106 702-895-3510

This worksheet is provided as a reference starting point and is not a substitute or replacement for the requirements of the UNLV 2008-2010 catalog. If there are any conflicts with the UNLV catalog or omissions or inclusions different from the appropriate catalog within this worksheet, the appropriate catalog shall control. There shall be no exceptions to this policy. All students are responsible for and expected to know the requirements of the appropriate catalog as applied to their particular status.