### College of Sciences

#### Physics Department

### Requirements for entering terms:

- **Catalog Expires (10 yrs):**
- **Graduation:**

### University of Nevada, Las Vegas (UNLV)

**Physics Department**

Bigelow Physics Building (BPP-209)

702-895-3563

www.physics.unlv.edu/

### Credit Range

<table>
<thead>
<tr>
<th>Course</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education:</td>
<td>33</td>
<td>42</td>
</tr>
<tr>
<td>Physics:</td>
<td>33</td>
<td>33</td>
</tr>
<tr>
<td>Related:</td>
<td>39</td>
<td>39</td>
</tr>
<tr>
<td>Electives:</td>
<td>15</td>
<td>31</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
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<td>127</td>
</tr>
</tbody>
</table>

### First Year Seminar

- **Social Science Field 1:** 3 - 3

### Second Year Seminar

- **Social Science Field 2:** 3 - 3

### ENG 101 English Composition I

- **Social Science Field 3:** 3 - 3

### ENG 102 English Composition II

- **Multicultural:** 3 - 3

### HIST 100 or PSC 101 US/NV Constitution

- **International:** 4 - 6

### Humanities Field 1

- **Milestone Experience:** 3 - 3

### Humanities Field 2

- **Culminating Experience:** 3 - 3

### Fine Arts

- **Electives:** 3 - 3

### PHYS 180 Physics for Engineers & Scientists I

- PHYS 180L Physics for Engineers & Scientists I Lab:
  - **PHYS 413 Intermediate Lab I:** 3 - 3

### PHYS 181 Physics for Engineers & Scientists II

- PHYS 181L Physics for Engineers & Scientists II Lab:
  - **PHYS 421 Electricity & Magnetism I:** 3 - 3

### PHYS 182 Physics for Engineers & Scientists III

- **PHYS 432 Mechanics I:** 3 - 3

### PHYS 182L Physics for Engineers & Scientists III Lab

- **PHYS 493 Special Problems:** 3 - 3

### PHYS 182L Physics for Engineers & Scientists III Lab

- **Choose 6 additional credits of upper division Physics Courses (300 and above):** 6 - 6

### MATH181 Calculus I

- **CHEM 121/121L General Chemistry I:** 4 - 4

### MATH 182 Calculus II

- **CHEM 122/122L General Chemistry II:** 4 - 4

### MATH 283 Intermediate Calculus

- **13 credits in Science, Mathematics, Computer Science or Engineering courses:** 13 - 13

### Upper Division Elective Credits to Complete

- **6 credits upper division courses (300 or above)**

### Electives (any level):

- **Number of Electives (any level) depends on other course choices:**
- **2 credits:** 2 - 0

- **Number of Electives (any level) depends on other course choices:**

### **A minimum of six (6) credits are required, to be composed of a three-credit multicultural course and a three-credit international course that may simultaneously fulfill other general education requirements (General Education Requirements are Italized). A single course may not simultaneously meet both the multicultural and international requirements. Discuss with your Academic Advisor!**

### Resident Credit: A candidate for the baccalaureate degree must complete the last 30 UNLV semester credits in uninterrupted resident credit as a declared major in the degree-granting college. A student must declare a major prior to enrolling in their last 30 UNLV resident credits. (Special examination, physical education activity courses, or Distance/online credits are exempted.)

### Minimum Credits for Graduation: The minimum number of semester credits required for a bachelor’s degree for a student graduating under the regulations of the 2012 - 2014 Undergraduate Catalog is 120. At least half of the credits required for a baccalaureate degree at the institution must be earned at a four-year institution.

### Minimum University Grade Point Average for Graduation: In order to graduate, an undergraduate student must have a minimum cumulative grade point average of 2.00 for the total of all college-level credit attempted at the University of Nevada, Las Vegas (UNLV GPA). College and department GPA requirements must also be met.