<table>
<thead>
<tr>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
<th>5th Year</th>
<th>6th Year</th>
<th>7th Year</th>
<th>8th Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td><strong>Second Semester</strong></td>
<td><strong>Third Semester</strong></td>
<td><strong>Fourth Semester</strong></td>
<td><strong>Fifth Semester</strong></td>
<td><strong>Sixth Semester</strong></td>
<td><strong>Seventh Semester</strong></td>
<td><strong>Eighth Semester</strong></td>
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<tr>
<td>ENG 101 English Composition I</td>
<td>ENG 102 Composition II</td>
<td>PHYS 180 Engineering Physics I</td>
<td>PHYS 181 Engineering Physics II</td>
<td>PHYS 300 Introduction to Physics &amp; Scient Computing</td>
<td>PHYS 404 Computational Techniques in Physics</td>
<td>PHYS 467 Thermodynamics</td>
<td>MATH 365 Computational Linear Algebra</td>
</tr>
<tr>
<td>MATH181 Calculus I*</td>
<td>MATH 182 Calculus II</td>
<td>MATH 283 Calculus III</td>
<td>PHYS 181 Engineering Physics II lab</td>
<td>PHYS 411 Modern Physics I</td>
<td>PHYS 421 Electricity &amp; Magnetism</td>
<td>PHYS 481 Quantum Mechanics I</td>
<td>Science, Computer Science or Engineering</td>
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<tr>
<td>Choose First Year Seminar (SCI-101 recommended)</td>
<td>CHEM122/122L General Chemistry</td>
<td>Choose Second Year Seminar</td>
<td>PHYS 182 Engineering Physics III</td>
<td>Science, Computer Science or Engineering course</td>
<td>Choose Social Science Field 1**</td>
<td>Choose Social Science Field 2**</td>
<td>Choose Humanities Field 2**</td>
</tr>
<tr>
<td>CHEM121/121L General Chemistry</td>
<td>HIST 100 or PSC 101 US NV Constitution</td>
<td>CS 135 Computer Science I</td>
<td>PHYS 182L Engineering Physics III lab</td>
<td>Choose Social Science Field 2**</td>
<td>CS 202 Computer Science II</td>
<td>Choose Humanities Field 1**</td>
<td>Choose Fine Arts**</td>
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<tr>
<td>Choose Social Science Field 1**</td>
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<tr>
<td><strong>Total First Semester:</strong> 16</td>
<td><strong>Total Second Semester:</strong> 15</td>
<td><strong>Total Third Semester:</strong> 14</td>
<td><strong>Total Fourth Semester:</strong> 14</td>
<td><strong>Total Fifth Semester:</strong> 15</td>
<td><strong>Total Sixth Semester:</strong> 15</td>
<td><strong>Total Seventh Semester:</strong> 16</td>
<td><strong>Total Eighth Semester:</strong> 15</td>
</tr>
</tbody>
</table>

Notes:
- course has a prerequisite—see reverse side for course sequences or go to the UNLV online catalog at http://catalog.unlv.edu/

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. A single course may not simultaneously meet both the multicultural and international requirements. Discuss with your Academic Advisor!

The minimum number of semester credits required for a bachelor's degree for a student graduating under the regulations of the 2016 - 2017 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.

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.

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.
LOWER DIVISION PREREQUISITE COURSE SEQUENCES FOR BS PHYSICS/COMPUTATIONAL MAJORS

Lower Division Math Sequence

- MATH 95: Introductory Algebra (3 credits) Grade C
- MATH 118: Intermediate Algebra (3 credits) Grade C
- MATH 126: Precalculus (3 credits) Grade C
- PHYS 180L: Engineering Physics I (lab) (1 credit) Grade C
- PHYS 181L: Engineering Physics II (lab) (1 credit) Grade C

Lower Division Chemistry Sequence

- CHEM 121A: General Chemistry I Laboratory (1 credit) Grade C
- CHEM 122A: General Chemistry II Laboratory (1 credit) Grade C
- CHEM 121: Organic Chemistry I (lab) (1 credit) Grade C
- CHEM 122: Organic Chemistry II (lab) (1 credit) Grade C
- CHEM 100: General Chemistry I (3 credits) Grade C

Lower Division Computer Science Sequence

- CS 135: Computer Science I (1 credit) Grade C
- CS 262: Computer Science II (1 credit) Grade C

Lower Division Engineering Physics Sequence

- MATH 181: MATH 182: Calculus I (4 credits) Grade C
- PHYS 180: Engineering Physics I (3 credits) Grade C
- PHYS 181: Engineering Physics II (3 credits) Grade C
- PHYS 182: Engineering Physics III (3 credits) Grade C

Lower Division English Sequence

- ENGL 101: English Composition I (3 credits) Grade C
- ENGL 102: English Composition II (3 credits) Grade C

Read the UNLV Catalog for Upper Division Course Prerequisites: http://catalog.unlv.edu/