### General Education Requirements

<table>
<thead>
<tr>
<th>Course Name</th>
<th>University Requirement Area</th>
<th>Credits</th>
<th>Semester</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCI 101 or Equivalent</td>
<td>First Year Seminar (FYS)</td>
<td>2</td>
<td>Fall 2020</td>
<td>0 crd.</td>
</tr>
<tr>
<td>SCI 201 or Equivalent</td>
<td>Second Year Seminar (SYS); ENG 2311 is also recommended</td>
<td>3</td>
<td>Spring 2021</td>
<td>0 crd.</td>
</tr>
<tr>
<td>ENG 101 or Equivalent</td>
<td>General English; ENG 113 or ENG 101/101F are also equivalent</td>
<td>3</td>
<td>Fall 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>ENG 102 or Equivalent</td>
<td>General English II; ENG 114 is also equivalent</td>
<td>3</td>
<td>Spring 2023</td>
<td>0 crd.</td>
</tr>
</tbody>
</table>

### Physics Core Requirements

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course Pre-Requisites</th>
<th>Credits</th>
<th>Semester</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 180</td>
<td>C or better in MATH 181; Co-req of PHYS 180L</td>
<td>3</td>
<td>Summer 2021</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 180L</td>
<td>Co-req of PHYS 180</td>
<td>1</td>
<td>Fall 2021</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 181</td>
<td>C or better in MATH 182 and PHYS 180</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 181L</td>
<td>Co-req of PHYS 181</td>
<td>1</td>
<td>Fall 2021</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 182</td>
<td>C or better in MATH 182 and MATH 180</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 182L</td>
<td>Co-req of PHYS 182</td>
<td>1</td>
<td>Fall 2021</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 300</td>
<td>PHYS 152L or PHYS 180L</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 404</td>
<td>C or better in PHYS 180 &amp; 180L</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 411</td>
<td>C or better in PHYS 180, 180L, 182, &amp; 182L</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 412</td>
<td>C or better in PHYS 181</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 421</td>
<td>C or better in PHYS 182</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 423</td>
<td>C or better in PHYS 180</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 467</td>
<td>PHYS 183</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 481</td>
<td>C or better in PHYS 422 &amp; 424</td>
<td>3</td>
<td>Spring 2022</td>
<td>0 crd.</td>
</tr>
<tr>
<td>PHYS 493</td>
<td>9 crd. of UD PHYS &amp; instructor consent; visit PHYS dept. for details</td>
<td>3</td>
<td>Summer 2022</td>
<td>0 crd.</td>
</tr>
</tbody>
</table>

### Math Requirements

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course Pre-Requisites</th>
<th>Credits</th>
<th>Semester</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 181</td>
<td>Placement or C or better in MATH 127 or 128</td>
<td>4</td>
<td>Fall 2023</td>
<td>0 crd.</td>
</tr>
<tr>
<td>MATH 182</td>
<td>C or better in MATH 181</td>
<td>4</td>
<td>Spring 2024</td>
<td>0 crd.</td>
</tr>
<tr>
<td>MATH 283</td>
<td>C or better in MATH 182</td>
<td>4</td>
<td>Spring 2025</td>
<td>0 crd.</td>
</tr>
</tbody>
</table>

### Additional Electives (If Needed for University Requirements)

- **Elective**: Consult advisor to determine need
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### Computer Science Requirements

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course Pre-Requisites</th>
<th>Credits</th>
<th>Semester</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 135</td>
<td>C or better in MATH 127 or 128 or 630 SAT or 28 ACT math score</td>
<td>3</td>
<td>Fall 2021</td>
<td>0 crd.</td>
</tr>
<tr>
<td>CS 202</td>
<td>C or better in CS 135</td>
<td>3</td>
<td>Fall 2022</td>
<td>0 crd.</td>
</tr>
</tbody>
</table>

Consult with your advisor or advising website for the most updated info about your degree plan.

Consult your advisor for course options that satisfy the STEM requirements section.

**12 crd. within the STEM requirements are recommended to be UD within STEM, 300 level or higher, due to university requirements.

**Courses completed that satisfy CS or Math requirements will not double dip with STEM requirements.

**Red: Important; **Purple: Semester-Only; **#: Course Attempt; **AP: AP Credit; **DD: Double-dip; **IB: IB Credit; **IP: In-Progress; **MIN: Minor; **OPT: Optional; **R: Retake; **TR: Transfer Credit; **UD: Upper-Division (300 lvl+); **WL: Waitlist

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**Program:** Physics BS

**Concentration:** Computational

**Catalog Year:** Fall 2020 - Summer 2021

**Student Notes:** UNLV GPA:

**Add'l. Major or Minor(s):**

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**Appointment Notes:**

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Prepared on 5/13/2020