Physics

Required Core Courses (30 units)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
<th>C-ID Descriptor</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 004A</td>
<td>Engineering Physics – Mechanics</td>
<td>5 units</td>
<td>PHYS 205</td>
</tr>
<tr>
<td>PHYS 004B</td>
<td>Engineering Physics – Electricity and Magnetism</td>
<td>5 units</td>
<td>PHYS 210</td>
</tr>
<tr>
<td>PHYS 004C</td>
<td>Engineering Physics – Light, Heat and Waves</td>
<td>5 units</td>
<td>PHYS 215</td>
</tr>
<tr>
<td>MATH 003A</td>
<td>Calculus and Analytical Geometry</td>
<td>5 units</td>
<td>MATH 210</td>
</tr>
<tr>
<td>MATH 003B</td>
<td>Calculus and Analytical Geometry</td>
<td>5 units</td>
<td>MATH 220</td>
</tr>
<tr>
<td>MATH 004A</td>
<td>Intermediate Calculus</td>
<td>5 units</td>
<td>MATH 230</td>
</tr>
</tbody>
</table>

Major Requirements: 30 units

CSU GE Breadth or IGETC for CSU Requirements: 37 or 39 units

Elective Units As Needed To Total 60 CSU Transferable Units

What is an Associate Degree for Transfer?

The Associate Degree for Transfer (ADT) is intended for students who plan to transfer and complete a bachelor's degree in a similar major at a CSU campus. Students completing this transfer degree:

- will earn an Associate’s Degree from West Valley College
- are guaranteed admission to a campus in the CSU system
- will be prepared to start upper division coursework at the CSU
- will not need to complete more than 60 units after transfer

CSUs with Similar Majors

A complete and up-to-date listing of the similar CSU majors can be found by visiting adegreewithaguarantee.com

For more information, please speak with a counselor from Counseling or Transfer.

Important Notes

- Completion of 60 CSU-transferable semester units with an overall GPA of at least 2.0
- While a minimum of 2.0 GPA is required for CSU admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completing courses prior to transfer that satisfy the U.S. History, Constitution and American Ideals requirement as part to the CSU GE-B or IGETC is highly recommended.

Learn more about Associate Degree for Transfer at West Valley College.

https://www.westvalley.edu/services/articulation/degree-for-transfer/physics.html