

# PHYSICS, B.A. FOR ASSOCIATES DEGREE TRANSFER (ADT) STUDENTS

Code	Title	Units
<b>Lower-Division Requirements</b>		
Twenty four (24) units of transferred Mathematics <sup>1</sup>		24
<b>Upper-Division Requirements</b>		
PHY 3003 and PHY 3003L	Modern Physics and Modern Physics Lab	3
PHY 3043	Analytical Mechanics: Dynamics	3
PHY 3062	Electricity, Magnetism, and Waves I	2
PHY 4013	Thermodynamics	3
PHY 4053	Quantum Mechanics	3
PHY 4072	Senior Project I	2
MTH 3033	Differential Equations	3
<b>Elective Courses</b>		
Choose a minimum of eleven (11) units from the following:		11
PHY 3083	Electricity, Magnetism, and Waves II	
PHY 4063	Solid State Engineering	
CHE 1052 and CHE 1052L	General Chemistry I (GE) and General Chemistry I Lab (GE)	
EGR 1043 and EGR 1043L	Introduction to Computer Programming and Introduction to Computer Programming Lab	
<b>Total Units</b>		<b>54</b>

<sup>1</sup> Transferred in from the community college; 8 units are GE.

**Note(s):** Associate Degree for Transfer (ADT) (<https://pointloma-public.courseleaf.com/prior-catalogs/2024-2025/tug-catalog/colleges-schools-departments/adt/>) students only.