

# 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 3004 and PHY 3004L	Modern Physics and Modern Physics Lab	4
PHY 3043	Analytical Mechanics: Dynamics	3
PHY 3063	Electricity, Magnetism, and Waves I	3
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 3013 and PHY 3013L	Nuclear Physics and Nuclear Physics Lab	
PHY 3083	Electricity, Magnetism, and Waves II	
PHY 4063	Solid State Physics	
CHE 1052 and CHE 1052L	General Chemistry I (FE) and General Chemistry I Lab (FE)	
EGR 1043 and EGR 1043L	Introduction to Computer Programming and Introduction to Computer Programming Lab	
<b>Total Units</b>		<b>56</b>

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

**Total Units for the Degree: 57 (49 without FE)**

**Note(s):** Associate Degree for Transfer (ADT) (<https://pointloma-public.courseleaf.com/prior-catalogs/2022-2023/tug-catalog/colleges-schools-departments/adt/>) students only.