PHYSICS, B.A.

Code	Title	Units
Lower-Division Requirements		
CHE 1052 and CHE 1052L	General Chemistry I (GE) and General Chemistry I Lab (GE)	5
EGR 1003 and EGR 1003L	Introduction to Engineering I and Introduction to Engineering I Lab	3
EGR 1023 and EGR 1023L	Introduction to Engineering II and Introduction to Engineering II Lab	3
EGR 1043 and EGR 1043L	Introduction to Computer Programming and Introduction to Computer Programming Lab	3
MTH 1064 and MTH 1064L	Calculus I (GE) and Calculus I Lab (GE)	4
MTH 1074 and MTH 1074L	Calculus II and Calculus II Lab	4
MTH 2074	Calculus III	4
PHY 2044 and PHY 2044L	University Physics I (GE) and University Physics I Lab (GE)	4
PHY 2054 and PHY 2054L	University Physics II and University Physics II Lab	4
Upper-Division Requirements		
MTH 3033	Differential Equations	3
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
Elective Courses		
Choose one (1) course from the following:		3
PHY 3083	Electricity, Magnetism, and Waves II	
PHY 4063	Solid State Engineering	
Total Units		**56**

Recommended:

Code	Title	Units
CHE 1053 and CHE 1053L	General Chemistry II and General Chemistry II Lab	4
EGR 3003	Python and UNIX	3
MTH 2033	Linear Algebra	3
PHY 4082	Senior Project II	2