

PHYSICS (BA)

Program Requirements

Code	Title	Hours
PHYS 121 & 121L	Physics I and Physics I Lab	5
PHYS 122 & 122L	Physics II and Physics II Lab	5
PHYS 180	Physics Skills Seminar	1
PHYS 280	Physics Pathways Seminar	1
MATH 157	Calculus and Analytic Geometry I	4
MATH 258	Calculus and Analytic Geometry II	4
CPSC 121	Computer Science I	3
PHYS 201	Mathematical Methods	3
PHYS 224	Modern Physics	3
PHYS 321	Classical Mechanics	3
PHYS 322	Electricity and Magnetism	3
PHYS 323	Statistical Mechanics	3
PHYS 324	Quantum Mechanics	3
PHYS 325	Computational Physics	2
PHYS 441	Advanced Laboratory I	2
PHYS 442	Advanced Laboratory II	2
Select two of the following:		5
PHYS 222	Electronics	
PHYS 424	Advanced Quantum Mechanics	
PHYS 451	Fields, Oscs, and Relativity	
PHYS 452	Optics	
PHYS 453	Solid State Physics	
PHYS 454	Nuclear and Particle Physics	
PHYS 455	Cosmology and Astrophysics	
PHYS 456	Biophysical Systems and Modeling	
Total Hours		52