

Physics

Program Type

Minor

A physics minor is a highly desirable addition to the course of study for all other majors. The physics minor will augment the coursework taken by mathematics, chemistry and biology majors because of the close relationship of physics to these subjects.

Required Courses

Course Code	Title	Hours
PHY 201	University Physics I	4
PHY 202	University Physics II	4
PHY 303	Theoretical Physics I	3
PHY 304	Theoretical Physics II	3
PHY 310	Experimental Physics I	1
PHY 311	Experimental Physics II	1
	Sub-Total Credits	16

Electives

Choose 5 hours from courses required for the physics major:

Course Code	Title	Hours
PHY 410	Electronics	3
PHY 421	Mechanics	3
PHY 451	Thermal Physics	3
PHY 460	Electricity and Magnetism	3
PHY 470	Advanced Experimental Physics: Mechanics and Light	1
PHY 471	Advanced Experimental Physics: X-Ray and Nuclear Physics	1
PHY 472	Advanced Experimental Physics: Electricity and Magnetism	1
PHY 480	Research in Magnetism	1
PHY 490	Quantum Mechanics I	3
PHY 507	Nuclear and Atomic Physics	3
PHY 509	Light	3
PHY 511	Quantum Mechanics II	3
PHY 520	Solid State Physics	3
	Sub-Total Credits	5

*PHY 101 may be taken instead of PHY 201 with department approval.

Total Credits

21