

Department of Physics

Unit 18 Instructional Workload Credits (IWC)

100% Workload is based on **six** courses per Academic Year*

* Some combinations of IWCs will lead to a workload that is less than 100%

Instructional Workload Credit	
Description of the Instructional Offering	Weight
Physics 5 Lecture Series (5A/5B/5C)	33%
Physics 5 Experimental Series (5BL/5CL)	25%
Physics 7 and 8 Series	44%
Physics C10 and C21	40%
Upper Division Courses (except 111A), Graduate Courses (except 375) and Physics 77/89,	33%
Physics 111A	51%
Physics 375	25%
Additional Duties	
Additional duties 1 hr/week	3.63%
Additional duties w/ extensive outside preparation, 1 hr/week	5.51%

Additional duties of administrative educational nature, course development, or GSI supervision can be assigned and will follow [L&S Guidelines](#).

Dept	Course #	Course Title	IWC%
PHYSICS	5A	Introductory Mechanics and Relativity	33%
PHYSICS	5B	Introductory Electromagnetism, Waves, and Optics	33%
PHYSICS	5C	Introductory Thermodynamics and Quantum Mechanics	33%
PHYSICS	5BL	Introduction to Experimental Physics I	25%
PHYSICS	5CL	Introduction to Experimental Physics II	25%
PHYSICS	7A	Physics for Scientists and Engineers	44%
PHYSICS	7B	Physics for Scientists and Engineers	44%
PHYSICS	7C	Physics for Scientists and Engineers	44%
PHYSICS	8A	Introductory Physics	44%
PHYSICS	8B	Introductory Physics	44%
PHYSICS	C10/ LS 70V	Physics for Future Presidents	40%
PHYSICS	C21/LS 70A	Physics and Music	40%
PHYSICS	77	Introduction to Computational Techniques in Physics	33%
PHYSICS	89	Introduction to Mathematical Physics	33%
PHYSICS	105	Analytic Mechanics	33%
PHYSICS	110A	Electromagnetism and Optics	33%
PHYSICS	110B	Electromagnetism and Optics	33%
PHYSICS	110B	Instrumentation Laboratory	33%
PHYSICS	110B	Advanced Experimentation Laboratory	33%
PHYSICS	111A	Instrumentation lab	51%
PHYSICS	112	Introduction to Statistical and Thermal Physics	33%
PHYSICS	130	Quantum and Nonlinear Optics	33%
PHYSICS	137A	Quantum Mechanics	33%
PHYSICS	137B	Quantum Mechanics	33%
PHYSICS	139	Special Relativity and General Relativity	33%
PHYSICS	141A	Solid State Physics	33%
PHYSICS	141B	Solid State Physics	33%
PHYSICS	142	Introduction to Plasma Physics	33%
PHYSICS	C161	Relativistic Astrophysics and Cosmology	33%
PHYSICS	177	Principles of Molecular Biophysics	33%
PHYSICS	200-299	Graduate Level Courses	33%
PHYSICS	375	Advanced Professional Preparation: Supervised Teaching	25%