

Physics Minor

Do you enjoy understanding how the natural world works? Knowledge of physics will teach you to think more critically and develop problem solving skills. This is invaluable for any degree especially those in scientific or technology-based fields. A minor in physics will make you more competitive in pursuing a career and will open up more opportunities.

Course Requirements

		Course Number	Course Title	Credit Hours
1	One of	PHYS 223	Physics I, Mechanics and Thermodynamics	5
		PHYS 213	Engineering Physics I	5
2	One of	PHYS 224	Physics II, Electromagnetism and Sound	5
		PHYS 214	Engineering Physics II	5
3		PHYS 325	Physics III, Relativity and Quantum Physics	4
4		PHYS xxx	Advanced Physics Elective (See List below)	3+

Advanced Physics Elective Options

Course Number	Course Title	Credit Hours
PHYS 506	Advanced Physics Laboratory	4
PHYS 522	Mechanics	4
PHYS 620	Teaching University Physics	3
PHYS 636	Physical Measurement & Instrumentation	4
PHYS 639	Computation in Physics	3
PHYS 642	Nuclear Physics	3
PHYS 651	Introduction to Optics	3
PHYS 652	Applied Optics & Optical Measurement	3
PHYS 655	Physics of Solids	3
PHYS 664	Thermodynamics & Statistical Physics	3
PHYS 691	Introduction to Astrophysics	3
PHYS 692	Introduction to Cosmology	3
PHYS 694	Particle Physics	3
PHYS 707	Topics in Physics/Undergraduate research	3+
PHYS 775	Biological Physics	3

Note: No more than six hours of transfer courses may be used for a minor. Questions regarding prerequisites should be discussed with the appropriate course instructor. Physics courses not on the list are subject to approval.

More Information

Course descriptions are available at:

KSU Physics Web site: <http://www.phys.ksu.edu>

KSU Catalog: <http://catalog.k-state.edu/content.php?navoid=1373&catoid=13>

For more information or to add physics as a minor, contact:

Department of Physics
Kansas State University
116 Cardwell Hall
Manhattan, KS 66505-2601
785-532-6786
office@phys.ksu.edu
www.phys.ksu.edu