

science@iupui

Physics (PHYS) Minor

Check Sheet & Application

Physics is the study of matter and energy, from the smallest scale, as in the study of elementary particles, to the largest, as in the study of the astrophysics and cosmology. In this sense, physics is the science that underlies all of the other sciences. In principle, as well as in practice, physics is involved in virtually all scientific and technical endeavors, e.g., biophysics, geophysics, and medical physics.

A minor in Physics requires satisfactory completion of the following:

- Completion of **18** credit hours, with a minimum grade of **C** in each course
- Residency requirement - At least **6** credits must be completed at IUPUI (this does not include transfer credit, AP, or CLEP credit)

COURSE	SEMESTER	GRADE	NOTES
Required Courses:			
PHYS 15200 (4 cr) - Mechanics			
PHYS 25100 (5 cr) – Heat, Electricity, and Optics			
PHYS 34200 (3 cr) – Modern Physics			
Two of the following:			
PHYS 30000 (3 cr) –Elementary Math. Physics			
PHYS 31000 (4 cr) – Intermediate Mechanics			
PHYS 33000 (3 cr) – Inter. Electricity & Magnetism			
PHYS 40000 (3 cr) – Physical Optics			
PHYS 41800 (3 cr) – Thermal and Statistical Physics			
PHYS 44200 (3 cr) – Quantum Mechanics			
*Other (3 cr)			

*Must be approved by the department – please contact the Physics advisor for more information.

PLEASE NOTE: Pre-requisites to the minor courses are not included but are required in order to complete the minor. This information can be found in the School of Science bulletin.

To apply for the minor, complete the application below and submit via email to Sean Winningham, Physics Undergraduate Advisor, at swinning@iupui.edu.

Date: _____

Name (please print): _____

Student 10-digit ID: _____

University Email: _____

Current Major: _____

Expected Graduation Date: _____