

MINOR IN PHYSICS

the course requirements of the student's major degree program may also be used to satisfy the course requirements for a minor.

A minor in physics is intended to provide an in-depth study of physics to non-physics majors entering into a global and diverse workforce where a multidisciplinary science and engineering background is increasingly common. It will also serve those students who, through elective physics course studies, have developed a greater interest in the discipline, or who plan to enter graduate school in an area where a strong physics background is useful.

The objective of the minor is to strengthen the student's knowledge of the fundamental physical concepts underlying all of modern science and engineering. The minor will help the student develop analytical problem-solving skills and reinforce their ability to engage in scientific thinking.

Minor Program of Study & Guidelines

Program of Study

The physics minor consists of 15 credit hours. At most 3 credit hours of laboratory may be included among the 15 credit hours.

Code	Title	Credit Hours
Required Courses		
PHYS 2213	Introduction to Modern Physics	3
PHYS 3143	Quantum Mechanics I	3
Select one of the following:		3
PHYS 3201	Classical Mechanics I	
PHYS 3122	Electrostatics and Magnetostatics	
PHYS 3141	Thermodynamics	
Electives		
Select elective PHYS courses to fulfill 15 credit hour requirement. ¹		6
Total Credit Hours		15

¹ 3000 and 4000 level courses.

- All courses counting toward the minor must be taken on a letter-grade basis.
- All courses used to satisfy the course requirements for a minor must be completed with a grade of C (2.00) or better.
- A maximum of 6 credit hours of Special Topics courses may be included in a minor program or the student may complete 3 credit hours of Special Topics and 3 credit hours of either Special Problems or Undergraduate Research. Students may not use 6 credit hours of either Special Problems or Undergraduate Research for a minor.
- A maximum of 3 credit hours of transfer credit may be used to satisfy the course requirements for a minor. This includes courses taken at another institution or credit earned through the AP or IB program, assuming the scores meet Georgia Tech minimum standards.
- It is the **major advisor's responsibility** to verify that students are using only courses from the designated block(s) from the student's major field of study that are allowed to satisfy a minor program, that they are not using any Core Area A-E courses (including humanities and social sciences), and that they are not using any courses for more than one minor or certificate. Any free elective course used to satisfy