

3.4.3.13 Minor in Physics

Host Department: Physics

The Department of Physics offers a minor in Physics which comprises modules related to the fundamentals of physics, leading to a basic understanding of an important area of knowledge. It is principally aimed at engineering and science students who want to widen their intellectual horizons and be prepared for greater challenges ahead.

To be awarded a minor in Physics, a student must pass the following six modules:

1. Any one from the following:
 - PC1141 Introduction to Classical Mechanics
 - PC1142 Introduction to Thermodynamics and Optics
 - PC1143 Introduction to Electricity & Magnetism
 - PC1431 Physics IE or PC1431X Physics IE
2. Any one from the following:
 - PC1144 Introduction to Modern Physics
 - PC1432/PC1432X Physics IIE
 - PC2232 Physics for Electrical Engineers
3. Any four modules from the following of which at least two modules must be Level-3000 & above:
 - PC2130 Quantum Mechanics I
 - PC2131 Electricity and Magnetism I
 - PC2132 Classical Mechanics
 - PC2134 Mathematical Methods in Physics I
 - PC2230 Thermodynamics and Statistical Mechanics
 - PC2193 Experimental Physics I
 - PC3130 Quantum Mechanics II
 - PC3193 Experimental Physics II
 - ALL PC32XX and PC42XX modules

This minor is not awarded with a primary major in Physics (without, or with specialisation in Astrophysics, Nanophysics or Quantum Technologies), or with a second major in Physics.