

Minor Title	Minor in Physics
-------------	------------------

Offered to students admitted to Year 1 in	<b>2012</b>
---	-------------

**Objectives:**

The Minor in Physics is intended to provide interested students a fundamental outlook on the subject. Students would acquire a taste of the subject through a large selection of elective courses which provides them to pursue a wide range of topics from the very small scale of nanomaterials to the large scale of astrophysics.

**Learning Outcomes:**

Students should be able to:

- a. identify and describe physical systems with fundamental knowledge in physics;  
(by means of coursework and tutorial classes in the curriculum)
- b. analyze some physics problems qualitatively and quantitatively;  
(by means of coursework, tutorial classes and laboratory works in the curriculum)
- c. communicate and collaborate with people effectively in scientific issues.  
(by means of group projects, tutorial sessions and presentation opportunities in the curriculum)

**Impermissible Combination:**

Major in Mathematics/Physics

Major in Physics

**Required courses (36 credits)****1. Introductory level courses (12 credits)**

PHYS1250 Fundamental physics (6)

PHYS2265 Modern physics (6)

**2. Advanced level courses (24 credits)**

At least 24 credits of advanced level Physics courses (PHYS3XXX or PHYS4XXX or PHYS6XXX level), subject to prerequisite requirements.

**Notes:**

1. A course may appear as required course in two or more Science majors/minors. Each course can only be considered to satisfy the requirement of one major or one minor, even if that appears in the curriculum of two majors/minors. Students have to select another course to replace the course in the second major/minor.
2. Courses at the advanced level are subject to change.
3. Students must have level 3 or above in HKDSE Physics or equivalent to take this major. Students who do not fulfill this requirement are advised to take PHYS1240 Physics by inquiry.

**Remarks:**

Important! Ultimate responsibility rests with students to ensure that the required pre-requisites and co-requisite of selected courses are fulfilled. Students must take and pass all required courses in the selected primary science major in order to satisfy the degree graduation requirements.