Minor Title

Minor in Physics

Offered to students admitted to Year 1 in 2012

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.