



PHYS2263 General physics 1) Electromagnetism 2) Solid state physics 3) Atoms, molecules, ionised medium 4) Nucleus and elementary particles

[120h+40h exercises] 22.5 credits

Teacher(s): Pierre Defrance, Thierry Delbar, Vincent Lemaitre, André Nauts, Krzysztof Piotrkowski, Luc Piraux
Language: French
Level: Second cycle

Main themes

The objective of the course is to present the elements of nucleus physics and of elementary particle physics that are part of general knowledge of all physicians, as well as the fundamental aspects and application to other fields of science and of techniques.

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prerequisites: the courses of General physics (candidature level), Numerical calculus, Elements of quantum mechanics, Statistical physics and Crystallography.