

PhD IN PHYSICS

Campus Where The Program Is Offered: CST

OBJECTIVES

By the end of a PhD in Physics dissertation, the PhD candidate will have mastered fundamental and/or applied physics, depending on their field of study. The aim of the PhD program is to provide candidates with training that will enable them to independently carry out an original, cutting-edge research project in their field of specialization. Candidates will develop their skills in the methodological aspects of research and will eventually be able to propose new avenues of investigation. This training opens the door wide to employment in universities, industrial laboratories and government research institutes. There are several areas of specialization available to PhD candidates in physics.

ADMISSION REQUIREMENTS

To be admitted to the PhD program, candidates must hold a bachelor's degree and a master's degree from a university recognized by the Saint Joseph University of Beirut, or equivalent qualifications. The preparation of a dissertation is part of the continuity of the research activities of the Faculty of Science and its research units.

PROGRAM REQUIREMENTS

Elective courses (180 Cr.) to be chosen from the list below:

048PDT1D1 - Dissertation Preparation, s1 (30 Cr.), 048DOCCD1 - Dissertation Preparation, semester 1 (15 Cr.), 048D23GD1 - Semester 1 - 15 (15 Cr.), 048PDT2D2 - Dissertation Preparation, s2 (30 Cr.); 048DOCCD2 - Dissertation Preparation, semester 2 (15 Cr.); 048D02GD2 - semester 2 - 12 (12 Cr.); 048D24GD2 - Semester 2 - 15 (15 Cr.); 048SU16D2 - Semester 2 P 12 (12 Cr.); 048PDT3D3 - Dissertation Preparation, s3 (30 Cr.); 048DOCCD3 - Dissertation Preparation, Semester 3 (15 Cr.); 048D03GD3 - Semester 3 - 12 (12 Cr.); 048D25GD3 - Semester 3 - 15 (15 Cr.); 048D09GD3 - Semester 3 - 18 (18 Cr.); 048PDT4D4 - Dissertation Preparation, s4 (30 Cr.); 048DOCCD4 - Dissertation Preparation, semester 4 (15 Cr.); 048D26GD4 - semester 4 - 15 (15 Cr.); 048D13GD4 - semester 4 - 20 (20 Cr.); 048D20GD4 - semester 4 - 30 (30 Cr.); 048PDT5D5 - Dissertation Preparation, s5 (30 Cr.); 048DOCCD5 - Dissertation Preparation, semester 5 (15 Cr.); 048D07GD5 - semester 5 - 15 (15 Cr.); 048D21GD5 - semester 5 - 30 (30 Cr.); 048PDT6D6 - Dissertation Preparation, s6 (30 Cr.); 048DOCCD6 - Dissertation Preparation, semester 6 (15 Cr.); 048D08GD6 - semester 6 - 15 (15 Cr.); 048D22GD6 - semester 6 - 30 (30 Cr.)

The PhD concludes with the writing and defense of a dissertation. In order to defend their dissertation, PhD candidates must have been registered for six academic semesters during their dissertation. The publication of 2 peer-reviewed scientific articles and participation in recognized international symposia is a prerequisite for defending the dissertation. On average, a dissertation lasts 3 to 4 years.