

PhD IN MATHEMATICS

Campus Where The Program Is Offered: CST

OBJECTIVES

The aim of this program is to train scientific researchers and advance knowledge of fundamental and applied mathematics in certain cutting-edge fields. The program also aims to apply mathematical knowledge to problem-solving in a variety of fields. The aim of this program is to train candidates in fundamental and applied research in a variety of mathematical fields.

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.