

## PhD IN LIFE SCIENCES

Campus Where The Program Is Offered: CST

## OBJECTIVES

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The PhD in Life Sciences aims to train highly qualified and autonomous researchers in the biological sciences. The main objective is to enable candidates to develop in-depth expertise in their specific field of research, be it molecular biology, genomics, ecology or other related disciplines. The program strives to instill advanced research skills, with an emphasis on the ability to design and conduct original experiments. In addition to research, the program aims to develop scientific communication skills, enabling graduates to present their findings clearly and convincingly. By incorporating an interdisciplinary approach, the program also seeks to prepare PhD candidates to tackle complex problems that transcend the traditional boundaries of biological disciplines. Ultimately, the PhD in Life Sciences aims to train competent scientists who are ready to meet the challenges of contemporary biological research.

## ADMISSION REQUIREMENTS

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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

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### 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.