M.Sc. Degree in Computer Science

The graduate program in computer science aims at
- supporting the local, regional, and international job market with highly qualified graduates in computer science and information technology
- encouraging academic research through supervision of master's theses and research projects conducted by graduate students
- enabling students to do graduate work in Jordan and abroad
- covering the increasingly urgent needs of educators and researchers in the field of computer science.

The Deanship of Research and Graduate Studies offers two master's degrees:
1. Master of Arts in English Language and Literature
2. Master of Computer Science

The first cohorts of students were admitted into the programs in the first semester of 2005/2006. Philadelphia University (PU) was the first private university to offer such programs.

Research activities at PU started in 1995, when by-laws regulating and encouraging academic research were enacted. In 2004/2005 all academic departments were asked to submit proposals for graduate study programs, and the annual budget for research was raised to more than JD 500,000. Now that graduate programs have been established, research is expected to flourish. The programs are also expected to have a positive impact on the whole process of teaching and research at the university.

We plan to have high-quality graduate programs. Emphasis will be laid on academic research by encouraging students to choose the thesis-based track instead of the comprehensive examination chosen by some students. The study plans are designed to meet the evolving demands of the different sectors of the community.

Faculty Members

Highly qualified faculty members from academic staff will be allocated for the master program. Moreover, part-time members, if needed, will provide full coverage of the study plan. All faculty members are heavily involved in scientific research and are recognized internationally in their fields.

Labs and Other Facilities

The Faculty of Information Technology has state-of-the-art labs, including Sun work stations and high-standard servers. For this program, the following types of labs are allocated:
- PC
- Networks
- Multimedia
- Thin Client
- Internet

All these labs are dedicated to academic research and graduate studies.

Deanship of Academic Research and Graduate Studies

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M.Sc. Degree in Computer Science

The graduate program in computer science aims at
- improving the quality and standards of education at the Department of Computer Science by enhancing the scientific background of both faculty members and students
- contributing to the development of the local community by cooperating with the business and industry sectors in mutually beneficial research projects.

Labs and Other Facilities

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Library

The library is stocked with the latest references, books, and journals in Information Technology. It provides access to a large number of international journals and libraries through the Internet.

Study System

Students are required to complete 33 credit hours for the M.Sc. degree. Those choosing to write a thesis will have to take 15 compulsory and 9 elective credit hours. The thesis itself is equivalent to 9 credit hours. Those preferring to take the comprehensive examination will have to take 15 compulsory and 18 elective credits.

- The academic year consists of two obligatory semesters:
  - Fall: Early October – Late January (16 weeks)
  - Spring: Early February – Late June (16 weeks)

The summer session is optional:
- Early July – Late August

The maximum number of credit hours a student can register for is as follows:
- Fall and Spring: 12 each
- Summer: 6