- Innovation: Accommodating innovative ideas and solutions in teaching and learning as well as academic research fields focusing on the area of Information Technology and communications.
- Professionalism: The ability to demonstrate knowledge, skills and capability in the area of Information Technology and communications.

Faculty Staff Members:

A group of highly qualified staff members has been appointed for the master's degree program. All faculty staff members participate in scientific research extensively, and they are distinguished internationally in the authorship and scientific publishing in prestigious journals and conferences.

Laboratories and Facilities:

The Faculty of Information Technology has a number of technical laboratories, including Sun workstations and servers with high standards. For this program, the following laboratories were allocated:

- Software Labs.
- Networks Labs.
- Multimedia labs.
- Internet Labs.

Introduction:

The MSc program in Computer Science was established in 2005 with study plans that meet the latest international standards (such as ACM and IEEE), and covers theoretical and practical research aspects in Computer Science such as information security, networks, software, intelligent systems, and others. The MSc program offers two tracks; The comprehensive exam track and the thesis track.

Vision:

To be one of the most highly recognized departments of Computer Science in teaching, learning, scientific research, and community service according to international standards to achieve the desired growth and development.

Mission:

The MSc in "Computer Science" program at the Computer Science department strives to:

Prepare graduates with a deep knowledge in Computer Science by providing a suitable environment for achieving excellence in teaching and learning. They should have a local, regional and international presence and who are highly motivated to lifelong learning and capable of fulfilling contemporary requirements. Preparing graduates who are skilled in scientific research and are qualified to complete their Ph.D. studies in Computer Science and support innovation plans according to international standards. Expanding research and development activities in Computer Science to bridge the gap between the industrial sector and the academic environment which helps in building a productive partnership with the community.

Goals:

The department reaches a prominent position locally, regionally and internationally and the research activities are supportive of the growing technological development.

Values:

- Fairness: Dealing fairly with all and respecting individual's value, dignity and legitimate freedom.
- Transparency: Dealing clearly in all Faculty procedures with students, academic and administrative staff.
- Integrity: Full compliance with professional morals and ethics.
- Belongingness: Having a sense of responsibility toward the University, local community and nation.
- Co-operation: Group work among all Faculty staff and students in all Faculty procedures.

Philadelphia University
Faculty of Information Technology
Computer Science Department

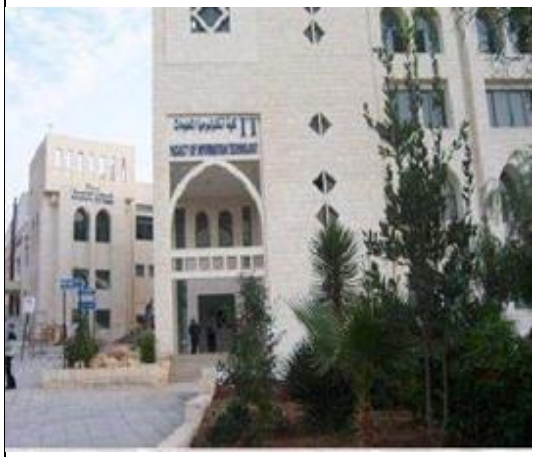
Master's Degree Program

Tel: 962 – 6 - 4799000
Fax: 962 – 6 – 4799040

Ext: 2502

E-Mail: info@philadelphia.edu.jo
Web Site: www.philadelphia.edu.jo

Fees:
Tuition fees: 120 JD per credit hour in addition to the semester registration fees.



Scholarships:
Philadelphia University offers scholarships to master's degree students who have a "Very Good" grade in the Bachelor's degree and offers partial financial assistance to Master's degree students who help in assist in faculty laboratories.

The academic year is divided into three semesters; first two compulsory semesters, and one optional summer semester:

- First Semester: from October until the end of January.
- Second Semester: from February until the end of June.
- Summer semester: from June until the end of August.
- The maximum number of credit hours a student can register in each semester as the following:

- First and second semester: 12 credit hours each.
- Summer semester: 6 credit hours.

Admission requirements:

- A minimum of "Good" in the Bachelor's degree in Computer Science and other IT majors. There is an opportunity for students to be admitted with an "Acceptable" grade Bachelor's degree of not more than 10% of the total number of students admitted in the program.
- A Bachelor's degree from an accredited university with regular study mode, not distance learning mode.
- Obtain a minimum score of 500 on the TOEFL (Paper Based Test), national exam during his/her first year of study for the master's degree or register two English modules for postgraduate students offered by the University.

The library:
There are two libraries available to IT students. An IT library contains the latest references, books and scientific journals in the field of information technology. And the university main library that contains more material from different disciplines. The main library provides free online access to many international journals and online libraries.

The Study system:
The study plan consists of (33) credit hours. The study plan for the thesis track is divided into: (18) credit hours for compulsory modules; (6) credit hours for elective modules, and (9) credit hours for the thesis. The study plan for the comprehensive exam track is divided into: (27) credit hours for compulsory modules, and (6) credit hours of elective modules in addition to the comprehensive exam by the end of the study.