The Deanship of Academic Research and Graduate Studies offers four master's degree programs: Master's degree in Mechatronics Engineering, Master's degree of Arts in English Language and Literature, Master's degree in Computer Science, and Master's degree in Arabic Language. The first batch of students was admitted to the programs in the first semester of 2005/2006 where Philadelphia University (PU) was the first private university in Jordan to offer such programs. Research activities at PU started in 1995 and in 2010 the graduate programs have been reviewed. Research is expected to have a positive impact on the whole process of teaching and research at the university.

M.S. Degree in Mechatronics Engineering

There are two degree options:

1. A double degree program between Philadelphia University (PU) and Bochum Applied Science University (BO), Germany. Students are expected to do their courses and thesis at PU with research (one semester) at BO in Germany. Students will then get two degrees: one from PU and one from BO. The program is a result of TEMPUS-JIM2L (Joint international Master Degree and Lifelong learning Framework in Mechatronics) project.

2. A single degree program from PU.

Note: Non-mechatronics B.S. students can join the program, but will have to study prerequisite courses.

Program Objectives:

- Prepare engineers who can work with up-to-date and modern engineering systems.

- Conduct and expand scientific knowledge in the field of mechatronics engineering through research projects in order to serve the communities at the local, regional and international levels.

- Contribute actively in transferring state-of-the-art technology to mechanical and electronic concepts.

- Provide valuable consultation and technical support to industrial and engineering firms in the areas of automation and modernization.

Laboratories:

The Faculty of Engineering has modern laboratories as listed below:

- Control and Automation Lab: This lab includes Robotic Systems, CNC machine, Computers with Data Acquisition Cards, Pneumatic Systems, and Gyroscope System.

- Embedded Controllers Lab: This lab includes microcontroller kits, Digital Signal Processes Kits, and Field Programmable Gate Arrays.

- Mechatronic System Design Lab: This is an integrated mechanical, electronic, computer and sensors lab including (proximity, ultrasonic, speed, force, and temperature), different actuators (DC, AC, and stepper), power electronic components, digital logic components, and microcontrollers.

- Research and Development Lab: This lab includes PC workstations and Data Acquisition system with dedicated software tools such as Labview.

Conditions for Admission:

1. A Bachelor of Science degree from an accredited university with one of the following areas: Mechatronics, Electrical, Communication, Electronic, Mechanical, Industrial, or Computer Engineering.

2. G.P.A. of "good" or above.

3. A score of 500+ in the TOEFL exam (ITP), IBT (61), Local English Exam (75).

4. An Interview

Mechatronics Engineering Department

PU initiated its BS degree in mechatronics in 2000 and established the mechatronics engineering department in 2002. Throughout the years, the mechatronics department has won many awards such as the Jordan Engineers Association (JEA) best senior projects, the National Technology Parade for exceptional student projects, and the University Robotics Competition for the best robotic designs.