



**The Hashemite University**  
**Faculty of Prince Al-Hussein Bin Abdullah II for**  
**Information Technology**  
**Strategic Plan**  
**2020 - 2024**

**(Introduction)**

The Faculty of Prince Hussein bin Abdullah II for Information Technology was established in 2001. The Faculty of Information Technology at the Hashemite University grants a bachelor's degree in the following majors: - Software engineering, computer science and its applications, computer information systems, and business information technology. The Faculty also awards a master's degree in the disciplines of: - Software engineering and cyber security.

In the academic year 2020/2021, the number of students was about (1700) students. While the number of faculty members reached (36) faculty members who hold a PhD degree, and (8) holders of masters, in addition to (10) laboratory supervisors.

Prince Al-Hussein Bin Abdullah II Faculty for Information Technology seeks, in its mission, to provide a distinct educational environment in the fields of research and teaching, to help faculty members, research and teaching assistants, laboratory supervisors and students to present their best, and to strengthen cooperation and work partnership with local community institutions in order to raise the educational process. Moreover, the faculty seeks in its mission, encouraging scientific research, and providing students with basic skills such as analyzing and designing computer systems and making software.

It also seeks to promote core values such as respecting and rooting the values of teamwork and promoting the spirit of belonging, loyalty and respect for pluralism through: transparency and clarity in regulations, instructions, decisions and procedures, continuous improvement, creativity and a culture of distinction, respect for pluralism and the observance of cultural and social diversity, partnership with local and regional community institutions, and flexibility and adaptation to the external environment.

The faculty has defined seven basic goals, which are as follows:

- 1- Development of scientific research and graduate studies.
- 2- Application of accreditation standards and quality control.
- 3- Developing the procedures related to students' training .
- 4- Creating a university environment for student success.
- 5- Preparing a comprehensive financial plan that includes providing financial support for faculty programs.
- 6- Strengthening the relationship between the faculty and its graduates.
- 7- Development of the faculty administrative structure.

### **(Vision)**

To be a leading college in the different fields of Information Technology that delivers high quality education, innovative research, creativity and entrepreneurship opportunities, and professional partnership locally and globally.

### **(Mission)**

The mission of the college is to provide the Jordanian community institutions with human resources that are specialized in various fields of information technology, and who possess the knowledge, skills and positive attitudes of the work that these institutions need in order to develop their plans. This is in addition to conducting research studies and providing advice to these institutions. Our aim is, therefore, to keep up with modern developments continuously, improve the plans, means of transferring the information, bestowment of the skill to the students and the means of evaluating their scientific achievements.

### **(Core Values)**

- 1- Transparency and clarity in the regulations, instructions, decisions and procedures.
- 2- Continuous improvement, creativity and a culture of excellence.
- 3- Focus on customer satisfaction with the faculty.
- 4- Respect for pluralism and observance of cultural and social diversity.
- 5- Partnership with local community institutions.
- 6- Flexibility and adaptation to the parameters of the external environment.
- 7- Empowering workers and involving them in the decision-making.
- 8- Social responsibility and enhancing the faculty's role in community service.
- 9- Enhancing the spirit of loyalty and belonging to the faculty, the university and the country.
- 10- Team work and the development of one team spirit.
- 11- Exchange between the experiences of the faculties of information technology in the Kingdom in terms of research arbitration, discussion of master's theses, and the teaching of some subjects.

## **(Objectives)**

The faculty seeks to achieve the following objectives:

- 1- Provide the Jordanian and Arab markets with qualified competencies capable of making the required technical changes.
- 2- Prepare students to be able to analyze, design, implement, and maintain computer systems.
- 3- Provide advisory services to the local community in the field of information technology and contribute to initiatives that support the knowledge economy in Jordan.

## **SWOT Analysis (Strengths, Weaknesses, Opportunities, Threats)**

## Strengths

<b>(Strengths)</b> <b>(ordered as of impact)</b>
The great support from the university's senior management for the faculty
High academic qualification for faculty members and their young age
Availability of e-learning techniques, which helps in preparing materials electronically
Preparing study plans according to internationally approved quality specifications and standards

## Weaknesses

<b>(Weaknesses)</b> <b>(ordered as of impact)</b>
High competition in the local and regional market, which leads to the instability of faculty members
Low demand for the international program

## Opportunities

<b>Opportunities</b> <b>(ordered as of impact)</b>
Demand for the e-learning program at the local and regional level
Increasing the demand for the application of information technology in all fields
Offering undergraduate and graduate programs at the faculty
Establishing partnerships with national institutions and international research bodies

## Threats

<b>Threats</b>
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(ordered as of impact)
Some students may not opt for the Hashemite University as a first choice its location
Availability of the same specialization in other universities, which leads to students' transfer from the university

## Strategic Goals

- Strategic goal 1: Development of scientific research and graduate studies.  
 Strategic goal 2: Application of accreditation standards and quality control.  
 Strategic goal 3: Developing the procedures related to students' training .  
 Strategic goal 4: Creating a university environment for student success.  
 Strategic goal 5: Preparing a comprehensive financial plan that includes providing financial support for faculty programs.  
 Strategic goal 6: Strengthening the relationship between the faculty and its graduates.  
 Strategic goal 7: Development of the faculty administrative structure.

## Linking the Faculty Strategic Goals and Objectives, and Executing them

### Strategic goal 1: Development of scientific research and graduate studies

#### Strategic Objective 1/1: Development of Research Laboratories

- Increasing support for scientific research at the university and also the research supported by local, regional and international institutions
- Increasing the efficiency of the support units
- Increasing the number of research laboratories and raising the efficiency of the currently available ones

Strategic objective 2/1: To develop the research capacity of faculty members

- Increasing attendance at international conferences, workshops and seminars and hosting distinguished faculty members in international universities with the aim of cooperating in scientific research.
- Reducing the teaching load of faculty members to focus on scientific research
- Hosting scientific conferences and workshops
- Subscribing to databases and scientific periodicals
- Creating new postgraduate programs
- Developing the legislative environment that supports scientific research

#### Strategic Objective 3/1: Curriculum development for postgraduate programs

- Developing plans for postgraduate programs
- Communicating with distinguished faculty members in international universities with the aim of cooperating in developing graduate studies programs
- Developing measurement and evaluation methods for graduate studies programs
- Amending the admission grounds for graduate studies programs

#### **Strategic goal 2: Application of accreditation standards and quality control**

#### Strategic Objective 1/2: Establish advanced study plans

- Reviewing and developing study plans periodically and updating courses in line with the needs of the labor market
- Providing the most recent scientific references
- Increasing the number of offered courses electronically

**Strategic objective 2/2:** Increasing the number of faculty members

- Attracting distinguished faculty members
- Reducing the turnover rate of faculty members by improving their conditions

**Strategic objective 3/2:** Refine the student's personality to be able to interact with society

- Deepening societal values, the spirit of democracy, acceptance of others, and a spirit of belonging among students
- To develop students' communication skills
- Establishing training programs for students expected to graduate

**Strategic objective 4/2:** Providing advanced teaching equipment and increasing the number of laboratories

- Providing advanced teaching devices
- Increasing allocations for teaching equipment and to the faculty associated units

**Strategic objective 5/2:** Modernization and development of classrooms

- Equipping the available halls with the latest educational equipment and the latest technology
- Increasing the number of classrooms allocated to each of the departments of the faculty
- Maintenance and calibration of educational aids and increasing the efficiency of those responsible for their maintenance

**Strategic objective 6/2:** Rehabilitation and development of educational skills

- Attending training courses to learn on e-learning methods
- Participation in workshops for the latest educational methods
- Attending training courses for modern scientific methods and techniques to update the information of faculty members and support staff

**Strategic objective 7/2:** Obtaining international accreditations

- Reviewing and developing study plans and updating the courses in line with international accreditation requirements
- Forming the competent committees to prepare the files necessary to apply for international accreditation

### **Strategic Goal 3: developing the procedures related to students' training**

**Strategic Objective 1/3:** Training of students

- Approving local institutions to cooperate with them to train students
- Signing agreements with branches of international companies in Jordan to train students.

**Strategic objective 2/3:** Encouraging and supporting the software industry

- Focusing on the practical side of the building software products.

### **Strategic Goal 4: The university student environment**

**Strategic Objective 1/4:** Consolidate democratic practices for students and refine their personality

- Holding seminars and lectures to educate students

- Qualifying student leaders and educating them in the principles of democratic practices

**Strategic objective 2/4:** To develop the process of forming student councils, clubs and bodies

- Amending the instructions and regulations related to student councils, clubs and bodies
- Involving student leaders in amending instructions related to student councils, clubs and bodies

**Strategic objective 3/4:** Increase extracurricular student activities

- Expanding cultural activities
- Diversification of sports activities
- Increasing technical activities

**Strategic Objective 4/4:** Developing students' positive relationships with members of the teaching and administrative staff

- Holding periodic meetings between students and faculty members
- Holding periodic meetings between students and members of the administrative body
- Activating the role of students in academic and administrative councils

**Strategic objective 5/4:** To improve interaction between university students and the community

- Involving students in academic and service community activities
- Increasing students' role in local community institutions
- Encouraging students to implement projects that help solve community problems

**Strategic objective 6/4:** Care for international students and providing an attractive environment for them

- Having special associations and bodies for international students
- Including international students in other student activities
- Holding joint meetings between Jordanian and expatriate students
- Providing attractive services to international students

**Strategic Goal 5: Prepare a comprehensive financial plan that includes providing financial support for faculty programs**

**Strategic objective 1/5:** Maintain a balanced financial position in the faculty

- Conducting a review of the financial plans of the faculty's departments and comparing them with some Arab and foreign universities
- Avoiding any financial deficit in the various programs and implementing all faculty activities
- Participating with the private sector in some projects that may benefit both parties
- The participation of the largest possible number of beneficiaries in various types of courses and in the field of information technology.

**Strategic objective 2/5:** To develop the capacity to conduct funded research

- Work on carefully studied research projects that meet the needs of the faculty and the local community, and are attractive to the supporting parties

**Strategic objective 3/5:** Working to provide a strategic partner to achieve the goals related to the strategic objectives

- Working on creating an effective partnership with the aim of adopting some of the programs offered through the faculty

**Strategic objective 4/5:** Maintain the flow of students to the faculty and its programs

- Attracting students to faculty programs

**Strategic Goal 6: To strengthen and develop the faculty's relationship with its alumni**

**Strategic objective 1/6:** To develop an integrated communication program with faculty graduates

- Building a program that enhances communication with faculty graduates
- Building a network of relationships between graduates with one another and between them and among students who are studying.
- Holding activities in which faculty members participate with the companies in which the faculty graduates work.

**Strategic objective 2/6:** Increase the sufficiency of graduates

- Developing a plan for graduate training programs in the faculty aimed at raising their level of competence in the practical aspect

**Strategic objective 3/6:** Participation of graduates in the annual activities of the faculty and working to support and market them

- Holding periodic meetings between the graduates themselves to discuss the problems they face in their working life

**Strategic Goal 7: To develop the faculty's administratively structure**

**Strategic objective 1/7:** Opening new departments at the bachelor's degree level to keep pace with the latest scientific developments

- Forming specialized committees to determine the specializations required for the labor market

- Preparing study plans for these majors in line with the special accreditation standards.
- Attracting distinguished faculty members

**Strategic objective 2/7:** Qualify the academic and administrative leaderships in the faculty

- Implementing specialized training programs in leadership and management

**Strategic objective 3/7:** Reconsidering the faculty's organizational structure

- Reconsidering the role of faculty boards and academic departments

**Strategic objective 4/7:** Modernization and development of the faculty's infrastructure

- Development of laboratories in the faculty