



# College of Sciences

Information Technology –Medical Physics

Job description of the Faculty of Science for the  
academic year 2024/2025



## 1-About the College



**Dean of the College**  
**Assoc. Prof. Shaima Hussein**  
**Nofal**

The "College of Science" at Warith al-Anbiya University (peace be upon him) is a modern and innovative pillar in the academic environment during the current academic year. By establishing this college, we aspire to prepare a generation of inspiring and qualified graduates in the fields of medical physics and information technology, who will be pioneers in their fields and active contributors to the progress of society.

The establishment of the college reflects our commitment to providing high-quality education in line with the latest scientific and technological developments. Our students have unique opportunities to acquire the necessary skills and deep knowledge in their disciplines, whether in the field of modern medical physics or information technology.

## **2-The vision of the College of Science in education and scientific research**

**The College of Science strives to be at the forefront of educational and research institutions in the region, focusing on achieving excellence in the fields of medical physics and information technology.**

**The College of Science is a center of knowledge and innovation, offering a learning environment that encourages critical thinking and scientific exploration. By focusing on the disciplines of medical physics and information technology, the college seeks to prepare qualified graduates capable of facing contemporary scientific and technological challenges.**

### 3-College Mission

The College of Science is committed to providing high-quality scientific education that focuses on developing students' knowledge and skills in the fields of modern medical physics and information technology. We aim to graduate qualified graduates who possess deep knowledge and the ability to contribute to scientific and technological development.

#### **4-College Objectives**

- Provide an educational environment that encourages critical thinking and creativity in the fields of medical physics and information technology.
- Provide students with the practical and technical skills necessary to excel in the fields of science.
- Promote scientific research and innovation in the fields of medical physics and information technology.
- Develop educational programs that are updated in accordance with developments in science and technology.
- Enhance interaction and partnership with health institutions and technology companies to enhance .employment and training opportunities for students

**By achieving this vision and mission and achieving the set goals, we seek to qualify our students to be pioneers in their fields and active contributors to the progress of society and scientific development.**

## **5-Job Description of the Faculty of Science - Department of Information Technology**

### **Information Technology Department**

#### **IT Department Vision:**

The Department of Information Technology seeks to be a center of excellence in education and research in the fields of information technology, with the aim of meeting the needs of society and the labor market by graduating qualified cadres capable of facing technical and technological challenges.

#### **Mission of the Information Technology Department:**

The Department of Information Technology offers a distinguished educational program that focuses on developing students' skills in various fields of information technology, by providing an innovative learning environment that encourages innovation and creativity and enhances their research and applied capabilities.

## **Objectives of the Information Technology Department:**

- 1. Graduating qualified cadres with the knowledge and skills necessary to keep pace with technological developments.**
- 2. Promote scientific research in the fields of information technology and its applications.**
- 3. Providing advanced training programs in cooperation with technological institutions and companies.**
- 4. Develop educational curricula in line with the latest developments in the fields of information technology.**
- 5. Enhance students' abilities in critical thinking and problem solving.**

## **Career Opportunities:**

- Software Developer**
- Network Systems Engineer**
- Systems Analyst**
- Database Manager**
- IT Consultant**

## **6-Job Description of the Faculty of Science - Department of Medical Physics**

### **Department of Medical Physics**

#### **Vision of the Department of Medical Physics:**

The Department of Medical Physics aspires to be a leader in the field of education and research in medical physics, contributing to the development of medical applications, treatment techniques and diagnosis of diseases through physics.

#### **Mission of the Department of Medical Physics:**

The Department of Medical Physics offers a distinct educational program that focuses on preparing students to work as specialists in medical physics, by offering a high-quality education that includes theoretical knowledge and practical skills.



## Objectives of the Department of Medical Physics:

1. Graduating qualified specialists in the field of medical physics with the ability to apply physical sciences in medical fields.
2. Promote scientific research in the field of medical physics and its applications in treatment and diagnosis.
3. Provide an educational environment that supports innovation and creativity in the field of medical physics.
4. Develop partnerships with medical and health institutions to enhance training and employment opportunities for students.
5. Improve students' practical skills through advanced training programs.

## Career Opportunities:

- Medical physicist in hospitals
- Researcher in medical research centers
- Consultant in the field of medical imaging
- Radiotherapy Specialist
- Director of technological projects in the health field

