

**Scientific Supervision and Scientific Evaluation Apparatus  
Directorate of Quality Assurance and Academic Accreditation  
Accreditation Department**



# **Academic Program and Course Description Guide**

2024

## **Concepts and terminology:**

**Academic Program Description:** The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

**Course Description:** Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

**Program Vision:** An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

**Program Mission:** Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

**Program Objectives:** They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

**Curriculum Structure:** All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

**Learning Outcomes:** A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

**Teaching and learning strategies:** They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

## Academic Program Description Form

University Name: Al-Zahraa University for women

Faculty/Institute: College of Health and Medical Technologies

Scientific Department: Department of Physical Therapy

Academic or Professional Program Name: Physical therapy techniques

Final Certificate Name: Physical therapy techniques

Academic System: Physical therapy

Signature:

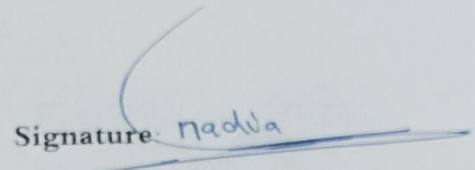


Head of Department Name:

Dr. Nuhad AL-Rubaye

30-3-2024

Signature: Nadia



Scientific Associate Name

Dr. Nadia Nayyef Hussein

31/3/2024

The file is checked by:

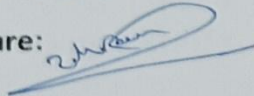
Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Dr. Zahraa Saleh

Date: 31/3/2024

Signature:



Approval of the Dean

Assist. Prof. Dr. Hassan Hadi Al-Kazzaz

31/3/2024

## Description of the academic program

This academic program description provides a necessary summary of the most important characteristics of the programs and the educational outcomes that the student is expected to achieve, demonstrating whether he has benefited from the available opportunities, and is accompanied by a description of each course within the program.

And medical technologies College of Health	<b>. Educational institution<sup>1</sup></b>
Department of Physical Therapy Techniques	<b>. Scientific Department<sup>2</sup></b>
sBachelor'	<b>. The name of the academic <sup>3</sup> or professional program</b>
Physical therapy technician	<b>. Name of the final <sup>4</sup> certificate</b>
Third + fourth annual First semester + second semester	<b>. Annual system:<sup>5</sup> Annual/courses/others</b>
,Summer training courses in hospitals,	<b>. Other external influences<sup>7</sup></b>
<b>2024/3/15</b>	<b>. The date this description <sup>8</sup> was prepared</b>

<b>9. Objectives of the academic program-</b>
<p>. The department aims to graduate technical personnel in physical therapy and medical rehabilitation and provide them with work skills in treating neurological, psychological, internal and surgical cases, hearing and speech disabilities, and children. The department aspires to: Providing a staff to provide medical care and physical therapy to people who suffer from movement disorders, physical disabilities, and functional limitations, and to athletes in all sports inside and outside the stadiums, and to raise their physical efficiency. Providing graduates with the technical skills to work on modern physical therapy equipment in hospitals, sports medicine, the Ministry of Youth, the Olympic Committee, sports federations, and rehabilitation centers. Providing high-quality educational programs, keeping up with the latest developments, and developing strategic plans for follow-up and continuous training for those responsible for implementing treatment</p>

programs.

Encouraging and supporting scientific research in the field of physical therapy and physical rehabilitation.

Strengthening relations with the health and service sectors and relevant community institutions by opening outpatient clinics that provide services to patients and injured people in its advanced and advanced laboratories after obtaining the approval of the Ministry of Health and the Ministry of Higher Education.

Opening cultural courses in physical therapy in order to access the latest science in this field.

#### A-Knowledge and understanding

1 the Importance of physical therapy and the profession of physical therapist

2- Working on physical therapy equipment, organizing it, and taking care of it

3- Preparing treatment programs for the patient under the supervision of the specialist doctor

4- . Working in the Olympic Committee to accompany sports teams as an athlete therapist

5- He works in the field of rehabilitation of disabled children through physical therapy

#### B- The following important objectives of the program

1- Performance skills by involving the student In the lesson

2- Social skills by opening a group dialogue among students

3- Application of the lesson by students

4- Self-evaluation processes for students.

#### Teaching and learning methods

In addition to the traditional teaching methods used, the department provides learners in the physical therapy laboratory with all the equipment in the field of physical therapy to develop the skills of the learners and use modern means of learning, such as learning using laboratory equipment related to physical therapy.

#### Evaluationmethods/

Evaluation is done through semester and final exams, daily quizzes, oral exams, and report writing

**C- Emotional and value-based goals:**

This is a group of goals that mean building personality in all its aspects

Psychological also deals with various abilities and starts from acceptance to excitement and the desire to learn. These goals can be summarized at the following levels:

1 – Reception and acceptance: (The student learns to ask, listen, follow, and choose)

2 – Responsiveness: (The therapist finds pleasure in practicing his profession in the hospital) and that he helps, goes along with, listens to and responds to all the problems that the patient suffers from.

3- Value judgment: (judgment in light of value) for the student to appreciate the role of evaluation in learning physical therapy

4- Regional organization: Students accept the value of learning physical therapy skills by learning and applying exercises in the hospital

**Teaching methods**

**1-Method of giving lectures**

**2 -Class discussion**

**3- Workshops**

**4 -Collective investigation**

**5- Brainstorming**

**Evaluation methods**

**1-Written tests**

**2 -Oral exams**

**3 Surprise tests (corners)**

**4 Final calendar**

**D- General and transferable skills (other skills related to employability and personal development).**

**1- The ability to express ideas clearly and confidently in speech**

- 2- The ability to know all the devices used In physical therapy  
 3- The ability to treat various injuries that require physical therapy

Units	Credit hours		Course name	Educational level
	practical	theoretical		
2	-	2	Biomechanics and kinesiology	First
4	4	2	Anatomy/first + second course	First
2	2	1	Physiology/first + second course	First
4	2	2	Fundamentals of nursing and first aid/second course	First
3	2	2	Microbiology/first course	First
3	2	2	Clinical chemistry/first course	First
2	2	1	Calculator applications/ first + second course	First
2	-	2	Calculator applications/ first + second course	First
2	2	1	Medical physics/second course	First



Units	Credit hours		Course name	Education level
	practical	theoretical		
4	4	2	Treatment methods/first and second courses	Second
4	4	2	Treatment devices/first and second courses	Second
6	4	2	Physical therapy for diseases of the musculoskeletal system / first + second course	Second
3	2	2	Orthopedic physical therapy	Second
3	2	2	Anatomy	Second
3	2	2	Physiotherapy for general surgery /second 1 course	Second
3	2	2	Pathology/first course	Second
2	2	2	Pharmaceuticals / second course	Second
days 30 during the summer vacation			Systematic training	Second

Units	Credit hours		Course Name	Educational level
	practical	theoretical		
4	1	2	Computer application	Third
7	3	2	Electrotherapy	Third
7	3	2	Internal rehabilitation	Third
4	-	2	Medical statistics	Third
7	3	2	Neurorehabilitation	Third
5	3	1	Splints	Third
7	3	2	Surgical rehabilitation	Third
5	3	1	Therapeutic methods	Third

Units	Credit hours		Course Name	Educational level
	practical	theoretical		
6	2	2	Internal rehabilitation	Fourth
6	2	2	Hearing and speech rehabilitation	Fourth
3	5	-	Neurorehabilitation	Fourth
8	4	2	Rehabilitation of pediatric	Fourth
6	2	2	Psychological rehabilitation	Fourth
6	2	2	Surgical rehabilitation	Fourth
3	5	-	Therapeutic methods	Fourth

**. Planning for personal development12**

**Technical staff graduate in physical therapy and medical rehabilitation and acquire work skills in treating neurological, psychological, internal and surgical conditions, hearing and speech disabilities, and children.**

**Providing a stimulating environment for learning, creativity and advancement in the field of physical therapy and supporting the effective conduct of scientific and practical research and studies for the development of community health.**

**Providing a staff to provide medical care and physical therapy to people who suffer from movement disorders, physical disabilities, and functional limitations, and to athletes in all sports inside and outside the stadiums, and to raise their physical efficiency.**

**. Acceptance criterion13**

**The student must have a baccalaureate degree for the preparatory stage**

**- The most important sources of 14 information about the program**

**Al-Zahra University website  
College of Health and Medical Technologies website**