

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



Academic Program and Course Description Guide

2025

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: colleg 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

Description Preparation Date:

File Completion Date:

Signature:

A blue ink signature of Dr. Nuhad AL-Rubaye.

Head of Department Name:

Dr.Nuhad AL-Rubaye

Date: 1 / 10 / 2024

Signature:

A blue ink signature of Dr. Nadia Nayyef Hussein, with the name 'nadia' written in cursive above it.

Scientific Associate Name:

Dr.Nadia Nayyef Hussein

Date: 1/10/2024

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Asst. lect. Sara Faaz Abdulghani

Date: 1/10/2024

Signature:

A blue ink signature of Sara Faaz Abdulghani.

A green ink signature of Hassan Hadi AL-Kazza.

Approval of dean

Assist. prof .Dr. Hassan Hadi AL-Kazza

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

College of Health And medical technologies	Educational institution .1
Department of Physical Therapy Techniques	Scientific Department .2
'Bachelors	The name of the .3 academic or professional program
Physical therapy technician	Name of the final .4 certificate
fourth annual First semester + second semester + third semester	:Annual system .5 Annual/courses/others
,Summer training courses in hospitals,	Other external influences .7
2025/3/15	The date this description .8 was prepared

Objectives of the academic program-9 .

. 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 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.

/Evaluation methods

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**

Academic plan for the Physiotherapy Department Techniques 2025 -2024

First Year-first semester

Seq.	Course material		The number of hours weekly			Number of Units	Nature of course material	Teaching language
			theory	Practice	Total			
1	Biomechanics	ميكانيك حيوي	2	-	2	2	Specialist	English
2	Human Anatomy 1	علم التشريح البشري 1	2	4	6	4	Specialist	English
3	Human Physiology 1	علم الفسلجة البشري 1	1	2	3	2	Specialist	English
4	Medical Microbiology	أحياء مجهرية طبية	2	2	4	3	Assistance	English
5	Clinical Biochemistry	كيمياء حيوية سريرية	2	2	4	3	Assistance	English
6	Democracy and Human Rights	ديمقراطية وحقوق الانسان	2	-	2	2	Assistance	Arabic
7	English Language	اللغة الانكليزية	2	-	2	2	Assistance	English
			13	10	23	18		

عدد الساعات النظري = 13 / عدد الساعات العملي = 10 / مجموع الساعات الدراسية = 23 / عدد الوحدات = 18 وحدة

Academic plan for the Physiotherapy Department Techniques

First Year- second semester

Seq.	Course material		The number of hours weekly			Number of Units	Nature of course material	Teaching language
			theory	Practice	Total			
1	Kinesiology	علم الحركة	2	-	2	2	Specialist	English
2	Human anatomy 2	علم التشريح البشري 2	2	4	6	4	Specialist	English
3	Human physiology 2	علم الفسلجة البشري 2	1	2	3	2	Specialist	English
4	Introduction to physiotherapy	مدخل في العلاج الطبيعي	2	4	6	4	Assistance	English
5	Basic nursing and first aids	أسس التمريض و الإسعافات الأولية	2	4	6	4	Assistance	English
6	Medical physics	فيزياء طبية	1	2	3	2	Assistance	English
7	Computer fundamentals	مبادئ الحاسوب	1	2	3	2	Assistance	English
8	Arabic language	اللغة العربية	2	-	2	2	Specialist	Arabic
			13	18	31	22		

عدد الساعات النظري = 13 / عدد الساعات العملي = 18 / مجموع الساعات الدراسية = 31 / عدد الوحدات = 22 وحدة
مجموع ساعات السنة الدراسية = 54 / مجموع وحدات السنة الدراسية الأولى = 40 وحدة دراسية

Academic plan for the Physiotherapy Department Techniques 2025-2024

Second Year- first semester

Seq.	Course material		The number of hours weekly			Number of Units	Nature of course material	Teaching language
			theory	Practice	Total			
1	Therapeutic exercises 1	تمارين علاجية 1	2	4	6	4	Specialist	English
2	Therapeutic equipment 1	اجهزة علاج 1	2	4	6	4	Specialist	English
3	Physiotherapy for Musculoskeletal Diseases 1	العلاج الطبيعي لأمراض الجهاز العضلي الهيكلي 1	2	4	6	4	Specialist	English
4	Physiotherapy for Orthopedics	العلاج الطبيعي لطب العظام	2	2	4	3	Specialist	English
5	Human anatomy 3	علم التشريح البشري 3	2	2	4	3	Specialist	English
6	Pathology	علم الأمراض	2	2	4	3	Assistant	English
7	The crimes of the Baath regime in Iraq	جرائم نظام البعث في العراق	2	-	2	2	Assistance	Arabic
			14	18	32	23		

عدد الساعات النظرية = 14 / عدد الساعات العملية = 18 / مجموع الساعات الدراسية = 32 / عدد الوحدات = 23 وحدة

Academic plan for the Physiotherapy Department Techniques

Second Year- second semester

Seq.	Course Material		The number of hours weekly			Number of Units	Nature of course material	Teaching language
			theory	Practice	Total			
1	Therapeutic exercises 2	تمارين علاجية 2	2	4	6	4	Specialist	English
2	Therapeutic equipment 2	اجهزة علاج 2	2	4	6	4	Specialist	English
3	Physiotherapy for Musculoskeletal Diseases 2	العلاج الطبيعي لأمراض الجهاز العضلي الهيكلي 2	2	4	6	4	Specialist	English
4	Physiotherapy for General Surgery 1	العلاج الطبيعي للجراحة العامة 1	2	2	4	3	Specialist	English
5	Human anatomy 4	علم التشريح البشري 4	2	2	4	3	Specialist	English
6	Pharmacology	علم الأدوية	2	-	2	2	Specialist	English
7	Computer Applications	تطبيقات الحاسوب	1	2	3	2	Assistance	English
8	Arabic language	اللغة العربية	2	-	2	2	Assistance	Arabic
			15	18	33	24		
	Clinical Training 1	التدريب المهني 1	تدريب منهجي خلال العطلة الصيفية لمدة 30 يوم					

عدد الساعات النظرية = 15 / عدد الساعات العملية = 18 / مجموع الساعات الدراسية = 33 / عدد الوحدات = 24 وحدة

مجموع ساعات السنة الدراسية الثانية = 65 / مجموع وحدات السنة الدراسية الثانية = 47 وحدة دراسية

Academic plan for the Physiotherapy Department Techniques 2025-2024

Third Year- first semester

Seq.	Course Material		The number of hours weekly			Number of Units	Nature of course material	Teaching language
			theory	Practice	Total			
1	Physiotherapy for Musculoskeletal Diseases 3	العلاج الطبيعي لأمراض الجهاز العضلي الهيكلي 3	1	2	3	2	Specialist	English
2	Physiotherapy for Sport Injuries	العلاج الطبيعي للإصابات الرياضية	1	2	3	2	Specialist	English
3	Physiotherapy for Spinal Cord Injuries	العلاج الطبيعي لإصابات الحبل الشوكي	1	4	5	3	Specialist	English
4	Therapeutic exercises 3	تمارين علاجية 3	1	4	5	3	Specialist	English
5	Therapeutic equipment 3	اجهزة علاج طبيه 3	2	4	6	4	Specialist	English
6	Prostheses and Orthotics	الأطراف الاصطناعية والمساعدات	1	4	5	3	Specialist	English
7	Medical Statistics	احصاء طبي	2	-	2	2	Assistance	English
8	Computer Applications 1	تطبيقات الحاسوب 1	1	2	3	2	Assistance	English
			10	22	32	21		

عدد الساعات النظرية = 10 / عدد الساعات العملية = 22 / عدد الوحدات = 21 وحدة

Academic plan for the Physiotherapy Department Techniques

Third Year- second semester

Seq.	Course Material		The number of hours weekly			Number of Units	Nature of course material	Teaching language
			theory	Practice	Total			
1	Physiotherapy for Medical Diseases	العلاج الطبيعي لأمراض الداخلية	1	2	3	2	Specialist	English
2	Physiotherapy for General Surgery 2	العلاج الطبيعي للجراحة العامة 2	1	2	3	2	Specialist	English
3	Physiotherapy for Neurological Diseases 1	العلاج الطبيعي لأمراض العصبية 1	1	2	3	2	Specialist	English
4	Therapeutic Exercises 4	تمارين علاجية 4	1	4	5	3	Specialist	English
5	Therapeutic Equipment 4	اجهزة علاج 4	2	4	6	4	Specialist	English
6	Amputee rehabilitation	تأهيل البتر	1	4	5	3	Specialist	English
7	Methodology	طرق البحث	2	-	2	2	Specialist	English
8	Computer Applications 2	تطبيقات الحاسوب 2	1	2	3	2	Specialist	English
			10	20	30	20		
	Clinical Training 2	التدريب المهني 2	تدريب منهجي خلال العطلة الصيفية لمدة 30 يوم					

عدد الساعات النظرية = 10 / عدد الساعات العملية = 20 / عدد الوحدات = 20 وحدة / مجموع ساعات السنة الدراسية الثالثة = 62 / مجموع وحدات السنة الدراسية الثالثة = 41 وحدة دراسية

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	-	Neuorehabilitation	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 ¹

Planning for personal development .12
<p>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</p> <p>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</p> <p>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</p>

Acceptance criterion .13
The student must have a baccalaureate degree for the preparatory stage
<div></div> <div>The most important sources of - 14 information about the program</div>
Al-Zahra University website College of Health and Medical Technologies website