



Ministry of higher education and scientific research
Scientific supervision and evaluation apparatus
Department of quality assurance and academic
accreditation

Academic program and course description guide

2024

Introduction:

The educational program is a coordinated and organized package of courses that includes procedures and experiences organized in the form of study vocabulary, the main purpose of which is to build and refine the skills of graduates, making them qualified to meet the requirements of the labor market. It is reviewed and evaluated annually through internal or external audit procedures and programs, such as the external examiner program.

The description of the academic program provides a brief summary of the main features of the program and its decisions, indicating the skills that are being worked on to provide students based on the objectives of the academic program. The importance of this description is manifested because it represents the cornerstone in obtaining program accreditation and is co-written by teaching staff under the supervision of scientific committees in scientific departments.

This manual, in its second version, includes a description of the academic program after updating the vocabulary and paragraphs of the previous manual in the light of the developments and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly) as well as the adoption of the description of the academic program circulated under the book of the Department of studies Pm3/2906 on 3/5/2023 with respect to programs that adopt the Bologna track as the basis for their work.

In this area, we can only emphasize the importance of writing the description of academic programs and curricula to ensure the proper functioning of the educational process.

Concepts and terminology:

Description of the academic program: the description of the academic program 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 from the student to achieve, proving whether he has made the most of the available learning opportunities. It is derived from the program description.

Program Vision: an ambitious picture of the future of the academic program to be an advanced, inspiring, motivating, realistic and applicable program.

Program message: it briefly explains the goals and activities necessary to achieve them, as well as defines the development paths of the program and its directions.

Program objectives: these are phrases 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 track), whether it is a requirement (Ministry, University, College and scientific department) with the number of academic units.

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

Teaching and learning strategies: these are the strategies used by the faculty member to develop the teaching and learning of the student

and are plans that are followed to reach the learning goals. That is, it describes all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic program description form

University Name: University of Kirkuk

Faculty/Institute: faculty Physical education and sports science

Scientific Department: Individual games branch

Name of academic or professional program: Bachelor Physical education and sports science

Name of the final certificate: Bachelor Physical education and sports science

Academic system: annual

Date of preparation of the description: 14/04/2024

Date of filling the file: 14/04/2024

Signature:

Head of department name :

Prof. Dr. Shahin Raamze RAFIQ

Date:

Signature:

Scientific associate name:

Dr. Hamid Muhammad AMASH

Date:

Check the file by the:

Department of Quality Assurance and University Performance

Department of Quality Assurance and University Performance name:
Abdulqader Nawzad Ismail

Date:

Signature:

Dean

Authentication

1. Program Vision

Seeking college Physical Education and Sports Sciences: By preparing graduates in physical education and sports sciences to work in government departments and benefit from specialization in the practical and applied field

2. Program message

Working to prepare and graduate leading scientific and leadership competencies in the field of physical education and sports sciences and to develop the balance of knowledge in the field of ,scientific research in the field of physical education and sports sciences to serve the local regional and international community, as well as training and refining the minds of students scientifically and cognitively, and emphasizing social and cultural values and responsiveness. to .local market requirements

3. Program objectives

- 1- Realizing and understanding the subject of physical injuries, methods of rehabilitation, and their importance in the sports field and the community field.
- 2- Preparing students who have the potential to work in the field of rehabilitation treatment for injuries.
- 3- Providing the student with knowledge of first aid methods for most physical injuries .

4. Software accreditation

There is no

5. Other external influences

There is no

*Comments may include whether the course is basic or optional.

6. Program structure				
Program structure	Number of courses	Academic unit	Percentage ratio	* notes
Foundation requirements	60	2		
College requirements	yes			
Department requirements	yes			
Summer internship	nothing			
Other				

7. Program description				
Year / level	Course code	Course name	Approved hours	
third / 2023-2024	CPE PH3	Mathematical physiology	2	theoretical

8. Expected learning outcomes of the program
Knowledge

	<p>1. The student must be familiar with mathematical physiology</p> <p>2- Distinguishing the stages of development of organs and parts of the human body</p>
Skills	
	<p>1. The student can distinguish the functional functions of the human body</p> <p>2. Distinguish the basic structure of the human body and its functions</p>
Values	
	<p>1. Developing students' abilities to analyze and share ideas</p> <p>2. Knowledge of the principles of field and cognitive work of the athlete's body</p> <p>3. How to deal with the human body</p>

9. Teaching and learning strategies

- 1 - Theoretical lectures:
- 2 - Explaining the practical material to students in detail
- 3 - Participation of students in all aspects of the subject and its vocabulary by preparing reports that develop their abilities to understand and realize
- 4 - Using computer presentation methods in addition to kinetic models

10. Evaluation methods

Through students' participation in dialogue and discussions, as well as daily and semester theoretical exams and participation in extracurricular activities for the subject

11. Teaching staff						
Faculty members						
Scientific rank	Specialization		requirements/ Special skills (if any)		teaching staff number	
	General	specific			cadre	
Professor Doctor	physical education	Mathematical physiology volleyball/			cadre	

Professional development
Mentoring new faculty members
Professional development of faculty members

12. Acceptance criterion
Direct admission

13. The most important sources of information about the program
<p>1- Methodological books/auxiliary books</p> <p>Medical Physics Ganong ,s Review of Medical physiology 23rd Edition Guyton & Hall text book of Medical physiology 12th Edition. -Human physiology 9th Edition.- . Principles of physiology 3rd Edition. -Medical physiology. - Medical Physics</p> <p>3- Reports - international periodicals and magazines</p> <p>-4International Information Network (Internet)</p>

14. Program development plan

Adding the latest books to the course

Visiting teaching hospitals

Creating courses that keep pace with new scientific development

Program skills chart															
				Required learning outcomes of the program											
Year/grade	Course code	Course name	Compulsory or optional	knowledge				skills				Values			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2024-2023 / third	CPE PH3	Mathematical physiology	Basic	—	—			—	—			—	—	----	

- Please tick the boxes corresponding to the individual learning outcomes of the program being evaluated

Course description form

1. Educational institution
Kirkuk University / College of Physical Education and Sports Sciences
2. Scientific department / Center
Individual games branch
3. Course name / code
CPE PH3 Mathematical physiology
4. Available attendance forms
Student daily attendance records
5. Semester / year
2023/2024
6. Number of academic hours (total)
60
7. Date of preparation of this description
14/04/2024
8. Course objectives
At the end of the academic year, the student should be able to

Knowledge and understanding of general physiology and its relationship to the rest of the organ functions

Practical skills that enable the student to study the functions and importance of each organ in the human body

Thinking and analysis skills that enable the student to know the interconnection between organs and their physical locations

Introducing the student to the structures of the human body's organs, in addition to the blood, lymphatic and nervous systems, body tissues, genetic development and how to Cell division

9.Course outputs and methods of teaching, learning and evaluation

A- Cognitive objectives

1. Graduating skilled players who are able to distinguish the physiological signs of an athlete
2. Graduating players capable of completing their higher studies in the future

B- The skills objectives of the course

1. Emphasis on direct and precise supervision of physiological skills

2. Linking mathematical physiology to the remaining basic sciences

* Teaching and learning methods

1. Providing students with the basics and additional topics related to the previous learning

outcomes of skills and solving scientific problems.

2. Applying topics studied theoretically at the practical level

3. Asking students during practical lessons to identify the location of the organ from an anatomical perspective, under the supervision of their teachers

Visiting practical laboratories by academic staff

* Evaluation methods

- Daily and monthly tests

- Attendance and extracurricular activities

- Reports

- Scientific discussions

C - Emotional and value goals

1. Working in a team spirit

2. That the student recognizes the importance of the academic subject

3. The student describes the importance of learning the subject

4 .The student must observe calm and order in the classroom
D-general and qualifying skills transferred (other skills related to employability and personal development)
<ol style="list-style-type: none"> 1. The student must behave appropriately in job interviews 2. The student must pass the professional examinations 3. For the student to develop himself after graduation 4. The student should use the available means to increase his efficiency

10.Course structure					
Week	hours	Required learning outcomes	Name of the unit / subject	Learning method	valuation method
first	2	Understand the lecture	Introduction and anatomical terms	a lecture	Quiz + attendance
second	2	Understand the lecture	Body cavities and its organs	a lecture	Quiz + attendance
third	2	Understand the lecture	Superficial anatomy of human body	a lecture	Quiz + attendance

fourth	2	Understand the lecture	Human body tissues, types and characteristics	a lecture	Quiz + attendance
fifth	2	Understand the lecture	Skin anatomy and its function, skin color	a lecture	Quiz + attendance
sixth	2	Understand the lecture	General skeletal structures (skull, limbs)	a lecture	Quiz + attendance
Seventh	2	Understand the lecture	Vertebral column, numbers & its function	a lecture	Quiz + attendance
eighth	2	Understand the lecture	Diaphragm and abdominal wall muscles	a lecture	Quiz + attendance
ninth	2	Understand the lecture	Anatomy of heart, wall, valves and its function	a lecture	Quiz + attendance
tenth	2	Understand the lecture	Structure of blood vessels walls, arteries, veins and capillaries	a lecture	Quiz + attendance
eleventh	2	Understand the lecture	Lymphatic system, lymph glands	a lecture	Quiz + attendance
twelfth	2	Understand the lecture	Respiratory system, upper resp. tract	a lecture	Quiz + attendance

thirteenth	2	Understand the lecture	Respiratory system, lower resp. tract	a lecture	Quiz + attendance
Fourteenth	2	Understand the lecture	Alveoli, lungs & pleural cavity	a lecture	Quiz + attendance
fifteenth	2	Understand the lecture	Revision	a lecture	Quiz + attendance
sixteenth	2	Understand the lecture	CNS structures and functions	a lecture	Quiz + attendance
seventeenth	2	Understand the lecture	PNS , spinal nerves	a lecture	Quiz + attendance
Eighteenth	2	Understand the lecture	Sensory and motor nerves	a lecture	Quiz + attendance
nineteenth	2	Understand the lecture	GIT system, parts & structure of wall stomach	a lecture	Quiz + attendance
Twenty	2	Understand the lecture	Salivary glands system, pancreas & gallbladder	a lecture	Quiz + attendance
Twenty-First	2	Understand the lecture	Liver anatomy, structure and function	a lecture	Quiz + attendance
Twenty-second	2	Understand the lecture	Urinary system, kidney, ureter, bladder and urethra	a lecture	Quiz + attendance

Twenty-third	2	Understand the lecture	Revision	a lecture	Quiz + attendance
Twenty-fourth	2	Understand the lecture	Reproductive system, male genitalia	a lecture	Quiz + attendance
Twenty-fifth	2	Understand the lecture	Female reproductive organ	a lecture	Quiz + attendance
Twenty-sixth	2	Understand the lecture	Endocrine glands, anatomy and function	a lecture	Quiz + attendance
Twenty-seventh	2	Understand the lecture	Endocrine glands, anatomy and function	a lecture	Quiz + attendance
Twenty-eighth	2	Understand the lecture	Ear anatomy	a lecture	Quiz + attendance
Twenty-ninth	2	Understand the lecture	Ear function	a lecture	Quiz + attendance
Thirtieth	2	Understand the lecture	Revision	a lecture	Quiz + attendance

11. Course development plan

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