



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.... Kirkuk.....

Faculty/Institute: faculty....Physical education and sports science.....

Scientific Department: Department.....

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:

Date of filling the file:

Signature:

Head of department name:

Prof. Dr. Ihsan Qaddouri, Amin

Date:14-10-2024

Signature:

Scientific associate name:

M.D. Hamid Muhammad Amash

Date:14-10-2-24

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

The College of Education and Sports Sciences has a number of graduates in the field of education and sports sciences to work in the field of governmental sports other than in the field of work and application.

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- Introducing the student to the basic applications of the law of motion in the human body.
- 2- Benefiting from applying kinetic laws to sporting events for the purpose of developing performance.
- 3- Enable the student to obtain a body of knowledge about motion analysis programs and the practical laboratory applications of these programs.

4. Software accreditation

There is no

5. Other external influences

There is no

6. Program structure

Program structure	Number of courses	Academic unit	Percentage ratio	* notes
Foundation requirements	60	4		Basic course

College requirements	yes			
Department requirements	yes			
Summer internship				
Other				

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

7. Program description				
Year / level	Course code	Course name	Approved hours	
Second2023-2024	CPE Bio2	biomechanic	practical	2
8. Expected learning outcomes of the program				
Knowledge				
1- Enabling students to obtain knowledge of biomechanics.				
2- Enabling students to obtain knowledge in the laws of biomechanics and apply them in the sports field.				
3- Enabling students to obtain knowledge of human motor analysis.				
Skills				
1 - Students acquire knowledge of biomechanics.				
2 - Students gain the ability to employ the laws of biomechanics in sports movements.				
3 - Gaining the ability to apply the laws of biomechanics in sports training.				
4 - Providing students with the skill of kinetic analysis of the human body.				
Values				
1 -The theoretical materials simulate students' sense of familiarity with cognitive aspects and how to apply them practically				
2 -Raising the cognitive values of academic subjects through practical application				

3 -Raising students' efficiency and teaching abilities in physical education lessons during application	
4 -Raising the emotional aspects of students by holding sports competitions and feeling responsible towards others.	

9. Teaching and learning strategies	
1 - Theoretical explanation of the laws of biomechanics.	
2 - Practical application to solve mathematical problems by applying the laws of biomechanics.	
3- Using modern presentation methods and live models.	

10. Evaluation methods	
1- Evaluating students' performance in discussions and dialogue.	
2- Evaluating students' performance in exams (monthly, daily, final)	
-3Scientific reports.	

11. Teaching staff						
Faculty members						
Scientific rank	Specialization		requirements/ Special skills (if any)		teaching staff number	
	General	specific			cadre	
Teacher	physical education	Sports biomechanical			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

1- Mathematical biomechanics / methodological book / Prof. Dr. Samir Musalat Al Hashemi

2- Mathematical Biomechanics / Prof. Dr. Hussein Mardan / Prof. Dr. Iyad Abdel Rahman / assistant book / source.

3 -Main references (sources): the Internet and websites.

14. Program development plan

Accessing the latest modern sources and modern translations / Relying on major modern books and specialized books / Using means of presenting and explaining the vocabulary of the educational material / Choosing the most appropriate and easiest electronic platforms to deal with.

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
Second 2023-	CPE Bio2	biomechanic	practical	—	—	---		—	—			—	—	----	
2024															

- 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	
Branch of theoretical sciences	
3.Course name / code	
CPE Bio2 biomechanic	
4.Available attendance forms	
Daily attendance records for students	
5.Semester /year	
2023-2024	
6.Number of academic hours (total)	
60 hours	
7.Date of preparation of this description	
2024/3/28	
8.Course objectives	
1- Introducing the student to the basic applications of the law of motion in the human body. 2- Benefiting from applying kinetic laws to sporting events for the purpose of developing performance. 3- Enable the student to obtain a body of knowledge about motion analysis programs and the practical laboratory applications of these programs.	

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

A- Cognitive objectives

- 1- Enabling students to obtain knowledge of biomechanics.
- 2- Enabling students to obtain knowledge in the laws of biomechanics and apply them in the sports field
- 3- Enabling students to obtain knowledge of human motor analysis.

B- The skills objectives of the course

- 1 - Students acquire knowledge of biomechanics.
- 2 - Students gain the ability to employ the laws of biomechanics in sports movements.
- 3 - Gaining the ability to apply the laws of biomechanics in sports training.
- 4 - Providing students with the skill of kinetic analysis of the human body.

* Teaching and learning methods

- 1 - Theoretical explanation of the laws of biomechanics.
- 2 - Practical application to solve mathematical problems by applying the laws of biomechanics.
- 3- Using modern presentation methods and live models.

* Evaluation methods

- 1- Evaluating students' performance in discussions and dialogue.
- 2- Evaluating students' performance in exams (monthly, daily, final)

3- Scientific reports.

C - Emotional and value goals

1- The theoretical materials simulate students' sense of familiarity with cognitive aspects and how to apply them practically

2- Raising the cognitive values of academic subjects through practical application

3- Raising students' efficiency and teaching abilities in physical education lessons during application

4- Raising the emotional aspects of students by holding sports competitions and feeling responsible towards others.

D-general and qualifying skills transferred (other skills related to employability and personal development)

1- Providing students with general knowledge in biomechanics.

2- Applying the knowledge students have acquired in sports training.

3- Benefiting from what students have learned in their graduation research.

10.Course structure					
Week	hours	Required learning outcomes	Name of the unit / subject	Learning method	valuation method
1	2	Introduction to biomechanics	BIOMECHANIC	Explaining modern lectures in teaching the subject using teaching methods and presenting them	Daily exams Evaluating daily student participation Quarterly exams Final exams Student activities
2	2	Muscular action			
3	2	Distinctive characteristics of muscles			
4	2	Levers and levers			
5	2	Straight kinematics			
6	2	Ballistics			
7	2	Angular kinematics			
8	2	Velocity and angular velocity			
9	2	Angular acceleration			

10	2	Straight kinetics			
11	2	First semester exam			
12	2	Newton's laws			
13	2	Laws of motion			
14	2	Acceleration			
15	2	First semester exam			
16	2	Action and reaction			
17	2	Weight\mass			
18	2	Thrust and momentum			
19	2	Friction			
20	2	Work\power\energy			

21	2	Collision			
22	2	the pressure			
23	2	Balance / center of gravity			
24	2	Moment of inertia			
25	2	Angular momentum			
26	2	Angular kinetic energy			
27	2	Biomechanical analysis			
28	2	Biomechanical analysis			
29	2	Biomechanical analysis			
30	2	Second semester exam			

11. Course development plan

Accessing the latest modern sources and modern translations / Relying on major modern books and specialized books / Using means of presenting and explaining the vocabulary of the educational material / Choosing the most appropriate and easiest electronic platforms to deal with.