

**Ministry of Higher Education and Scientific Research
Academic Supervision and Evaluation Authority
Quality Assurance and Academic Accreditation Department
Accreditation Department**



Academic Program and Course Description Guide

2025

Introduction:

The educational program is a coordinated and organized package of courses that include procedures and experiences organized into study modules. The primary purpose is to build and refine graduates' skills, making them qualified to meet the requirements of the labor market. The program is reviewed and evaluated annually through internal or external audit procedures and programs, such as the External Examiner Program

The academic program description provides a brief summary of the program's main features and courses, indicating the skills students are working to acquire, based on the objectives of the academic program. The importance of this description is evident as it represents the cornerstone of program accreditation. It is co-written by teaching staff under the supervision of the academic committees in the academic departments

This second edition of the guide includes a description of the academic program after updating the vocabulary and paragraphs of the previous guide in light of new developments in the educational system in Iraq. This guide included a description of the academic program in its traditional form (annual, semester), as well as adopting the academic program description circulated pursuant to the Department of Studies Circular TM 3/2906 dated May 3, 2023, regarding programs that adopt the Bologna Process as the basis for their work. In this context, we cannot but emphasize the importance of writing descriptions of academic programs and courses to ensure the smooth running of the educational process.

Concepts and terms:

Academic Program Description: The academic program description provides a concise summary of the program's vision, mission, and objectives, including a precise description of the intended learning outcomes based on specific learning strategies

Course Description: Provides a concise summary of the course's key features and the learning outcomes expected of the student, demonstrating whether the student 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, one that is .progressive, inspiring, motivating, realistic, and applicable

Program Mission: Briefly articulates the objectives and activities required to achieve .them, and identifies the program's development paths and direction

Program Objectives: Statements that describe what the academic program intends to .achieve within a specific time period, measurable and observable

Curriculum Structure: All courses/subjects included in the academic program according to the approved learning system (semester, annual, Bologna Process), whether required by a ministry, university, college, or scientific department, along with the .number of credits

Learning outcomes: A consistent set of knowledge, skills, and values acquired by a student after successfully completing an academic program. Learning outcomes for each course must be defined in a manner that achieves the program's objectives.

Teaching and learning strategies: These are the strategies used by a faculty member to develop student teaching and learning. They are plans followed to achieve learning objectives. They describe all classroom and extracurricular activities to achieve the .program's learning outcomes

Academic Program Description Form

University Name: Al-Kitab Private University

College/Institute: College of Science

Scientific Department: Department of Medical Physics

Academic or Professional Program Title: Medical Physics

Final Degree Title: Bachelor of Science in Medical Physics

Academic System: Bologna Path

Description Date: Date the Academic Program Description was Approved by the President

File Completion Date: 2025/11/9

Signature:



Name of Department Head: Prof. Dr. Khaled A. Ahmed

Date: 2025/11/13



Signature:



Name of Academic Assistant: Assistant Professor Dr Akram Hatem Shedr

Date: 2025/11/13

File reviewed by the Quality Assurance and University Performance Division

Name of the Director of the Quality Assurance and University Performance Division:

Assistant Professor Dr. Salam Adel Ahmed

Date: 2025/11/15

Signature:



Dean's approval

1. Program vision

Preparing qualified graduates in mathematics, capable of interacting with the requirements of the era and technology, and contributing to building Iraqi society on sound scientific, ethical and health foundations, supporting the research and development process in Iraq, and contributing to building a healthy society.

1. Program message

Providing an educational and technical research environment that stimulates learning and creativity, contributing to the preparation of highly qualified graduates, achieving effective local and international scientific twinning, and strengthening partnerships with community sectors and international institutions in related fields.

1. Program objectives

1. Providing graduates with the necessary scientific knowledge in mathematics, aiming to deepen their understanding of the methodology of analysis, criticism, and scientific research, and to use these skills to study and serve society in the health and education sectors.
2. Empowering graduates with practical and research skills that qualify them to excel and succeed in their professional lives, enabling them to enroll in distinguished graduate programs.
3. Enabling students to train and gain practical experience on a wide range of modern technologies and using advanced scientific equipment in various mathematical disciplines.
4. Increasing awareness of mathematics in society and its role in driving health, development, and national production.

5. Developing students' skills in using modern research resources to enable them to build essential scientific skills, such as scientific writing skills, discussion skills, constructive criticism, and scientific communication.
 6. Developing the department to become a distinguished center for mathematical sciences research and graduate studies
- Preparing students for positions in the industrial and government sectors, and in biological work fields, whether professional, research, or academic.

1. Program accreditation

Is the program accredited? And by which authority? There is no program accreditation because the department was established in 2023-2024...and is twinned with a similar department at the University of Kirkuk.

1. Other external influences

There is no program accreditation because the department was established in 2023-2024... and it has a twinning agreement with the corresponding department at the .University of Mosul

1. Program structure

comments*	percentage	Study unit	Number of courses	Program structure
	%2338	21	8	Institutional Requirements
	%2131	21	9	College Requirements
	%7037	201	12	Department Requirements
		0	1	Summer Training
				Other

Notes may include whether the course is core or optional*

1. Program Description

Credit hours	Course name	Course code	Year/Level
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2	2	3	Electricity&Magantisim	UOKTB10MP101	First Stage/ 2023- 2024
2	2	2	Analytical Chemstry	UOKTB10MP102	
2	-	3	Mathematics 1	UOKTB10MP103	
2	2	2	General Biology1	UOKTB10MP104	
-	2	-	Arabic Language	UOKTB10MP106	
-	2	2	Computers	UOKTB10MP105	
2	2	3	Mechanics	UOKTB10MP107	
2	-	3	Mathematics II	UOKTB10MP108	
2	2	2	General Biology 2	UOKTB10MP109	
-	-	2	Human Rights and Democracy	UOKTB10MP1010	
-	-	2	English Language	UOKTB10MP1011	
2	2	2	Organic Chemistry	UOKTB10MP1012	
1	2	2	Biophysics	UOKTB10MP2013	Second stage 2024- 2025
1	2	2	Optics	UOKTB10MP207	
1	2	2	Atomic Physics	UOKTB10MP2015	
1	2	2	Physiology	UOKTB10MP2016	
1	-	2	Electromagnetic Waves	UOKTB10MP2017	
-	-	2	Crimes of Baath Party	UOKTB10MP2019	
-	-	2	Arabic Language 2	UOKTB10MP2020	
1	2	2	Bioelectronics	UOKTB10MP2023	
1	2	2	Medical Imaging	UOKTB10MP2021	
0	2	2	Molecular Biology	UOKTB10MP2022	
1	-	2	Healthy Culture	UOKTB10MP2024	
1	2	2	Heat and Thermodynamic	UOKTB10MP2025	
-	2	2	Computer 2	UOKTB10MP2027	
-	-	2	English Language 2	UOKTB10MP2028	
2	-	2	Phonetics Science	UOKTB10MP2026	

1. Expected learning outcomes of the program

Knowledge

Learning Outcome Statement 1

Acquire discrimination skills in mathematics and how to deal with them

Learning Outcomes 1

Students who have obtained a Bachelor's degree in Mathematics are expected to have acquired some skills in .mathematical sciences

Skills

Learning Outcome Statement 2	Learning Outcomes 2
Acquire mathematical skills in computer labs	Acquire some skills in mathematical sciences
values	
Learning Outcome Statement 4	Learning Outcomes 4
Understanding the process of working as a team, away from personal interests	
Learning Outcomes Statement 5	Understand the communication process at work

1. Teaching and learning strategies

1. Teaching and learning strategies and methods adopted in implementing the program in general.
2. Incorporating various methods into the curriculum, highlighting the advantages and disadvantages of each method.
3. Incorporating real research problems into the curriculum (specific to the subject) to motivate students to express their opinions and propose solutions for the best approach to addressing problems and challenges.
4. Adopting a continuous improvement approach for all various activities and events to ensure the achievement of the college's mission and approved objectives, in accordance with quality standards (such as workshops and field trips).

Evaluation methods

- .Implementing it in all stages of the program in general
- First, practical study:
 - Student response through active participation in the lecture and group critique of student projects.
 - Monitoring the presentation of the practical and theoretical project (which proceeds in stages leading up to the final stage) through individual and group critique and evaluation of each stage.
 - Evaluating classroom tests and comparing the creative level of proposed solutions with the solutions of each student's annual projects.
 - Group critique at the end of each project to assess the overall strengths

and weaknesses of the students' solutions.

- •Second, theoretical study:
 - Student response through student participation during the discussion of information in lectures.
 - Conducting midterm and final exams (which give instructors the authority to take additional exams in the event of a delay in a particular subject, to improve student results. The instructor is free to estimate the load for that exam compared to the rest of the exams. Exam results are presented to students for review and to learn from any errors that can be overcome).
 - Final exam:
 - Third: Summer Training:
 - Appropriate training locations are selected to suit the department's specializations. Summer training is considered a basic requirement for a successful student's transition from the third to the fourth grade. Otherwise, the student must complete the training the following year to ensure their transition to the fourth grade.
 - Fourth: Monitoring and tracking student progress:
 - Student activity and participation during lectures.
 - The student's level of interest in submitting additional assignments.
 - The student's completion of academic reports that cover more in-depth topics than those required by the curriculum, broadening their horizons and training them in scientific research.
- ✓ The student's eagerness to attend lectures despite various difficulties.
- ✓ Through short surprise exams, the student's academic progress and comprehension of the course are evaluated.
- ✓ A group of committees are formed each academic year to monitor student attendance and absences. Administrative orders are issued at alternating intervals regarding absence rates and warnings.

The matter is followed up by the department head and the course instructor, in agreement with faculty members.

Faculty .1 .1

Faculty members

Faculty preparation	Special requirements/skills (if any)	Specialization	Academic rank

Lecturer	Staf		Private	General	
	Staf		Atomic Physics	Physics	Prof. Dr. Khaled Abdel Wahab Ahmed
	Staf			Mathematics	Assistant Professor Dr. Akram Hatem Shadher
	Staf			Physics	Assistant Professor Dr. Saeed Omar Ibrahim
	Staf		Biochemistry	Chemistry	Assistant Professor Dr. Yasser Khaled Khalil
	Staf		Rhetoric	Arabic Language	Assistant Professor Dr. Raed Rashid Saleh
	Staf		Molecular Biology		Assistant Professor Dr. Salam Adel Ahmed
	Staf		Mathematics	Mathematics	Assistant Professor Dr. Sufyan Abbas Wahib
Lecturer				Physics	Assistant Professor Dr. Saad Shaker Hussein
	Staf		Law	Law	Assistant Professor Dr. Shaker Suleiman Mahmoud
	Staf		Biochemistry	Chemistry	M.M Yanar Najmalden Ghaib Allah
	Staf		Radiation Physics	Physics	M.M Rana Yassin Mahmoud
	Staf		Renewable Energy	Physics	M.M Mohsen Issa Abdul Razzaq
	Staf		Microbiology		M.M Hero Abdullah Omar
	Staf			English Language	M.M Farah Jassim Hassan
	Staf		General Physics	Physics	Robar Sattar Abdullah

Professional development

Orientation of new faculty members

Briefly describe the process used to orient new, visiting, full-time, and part-time faculty members at the institutional and departmental levels.

Develop the curriculum by twinning it with the courses of similar departments in other colleges of (%80) science.

Adopt local design principles, such as sustainability and research, and apply them to student projects.

Participate in local and international conferences and specialized seminars under the .

Professional development for faculty members

Briefly describe the academic and professional development plan and arrangements for faculty members, such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

One-day internship with corresponding departments

2. Acceptance criteria

Establishing regulations related to admission to the college or institute, whether through)
(.central admission or other procedures

Students are admitted to the college based on their grades in the sixth grade of middle school (baccalaureate). The criteria for assigning students to departments are determined :by

The student's desire •

The student's total score in the sixth grade •

The department's capacity •

The privilege offered by the student, as his or her father or mother is a teacher • •
at the Ministry of Higher Education.

2.The most important sources of information about the program

:Briefly remember

Textbooks •

Resources •

- •Websites

3.Program development plan .

مخطط مهارات البرنامج															
مخرجات التعلم المطلوبة من البرنامج															
القيم				المهارات				المعرفة				اساسي أم اختياري	اسم المقرر	رمز المقرر	السنة / المستوى
4ج	3ج	2ج	1ج	4ب	3ب	2ب	1ب	4أ	3أ	2أ	1أ				
												Core	Electricity &Magantis im	UOKTB10MP101	0202/0202 First Level / First Semester
												Basic	Analytical Chemstry	UOKTB10MP102	
												Basic	Mathemati cs 1	UOKTB10MP103	
												Basic	General Biologyl	UOKTB10MP104	
												S ساذ	Arabic Language	UOKTB10MP106	
												S ساذ	Computers	UOKTB10MP1010	
												Core	Mechanics	UOKTB10MP107	0202/0202 First Level / Secondt Semeste
												S ساذ	Mathemati cs 2	UOKTB10MP108C	
												Core	General	UOKTB10MP109C	

													Biology 2		
												Basic	Computer 1	UOKTB10MP105	
												Basic	English Language 1	UOKTB10MP1011C	
												Core	Organic Chemistry	UOKTB10MP1012C	
												Core	Biophysics	UOKTB10MP2013	0202/0202 Second Level / First Semester
												Core	Optics	UOKTB10MP207	
												Core	Atomic Physics	UOKTB10MP2015	
												Core	Phsysiology	UOKTB10MP2016	
												Core	Electromagn etic Waves	UOKTB10MP2017	
												Basic	Crimes of Baath Party	UOKTB10MP2019	
												Basic	Arabic Language 2	UOKTB10MP2020	
												Core	Bioelectron ics	UOKTB10MP2023	0202/0202 انستبي انتاڤ /

												Core	Medical Imaging	UOKTB10MP2021	القسم الثاني
												Core	Molecular Biology	UOKTB10MP2022	
												Core	Healthy Culture	UOKTB10MP2024	
												Core	Heat and Thermodynamic	UOKTB10MP2025	
												Basic	Computer 2	UOKTB10MP2027	
												Basic	English Language 2	UOKTB10MP2028	
												Core	Phonetics Science	UOKTB10MP2026	

Module Information

يہیّاخ اناّج انذراسُ

Module Information

ي هياخ انداج اندراس

Module Title	Electricity and magnetism			Module Delivery	
Module Type	C			<input checked="" type="checkbox"/> Theory <input type="checkbox"/> Lecture <input checked="" type="checkbox"/> Lab <input checked="" type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar	
Module Code	UOKTB10M P101				
ECTS Credits	6				
SWL (hr/sem)	150				
Module Level		1	Semester of Delivery		1
Administering Department		Medical physics	College	Sciences	
Module Leader	Khalid abdulwahab ahmed		e-mail	khalid.ahmed@uoalkitab.edu.iq	
Module Leader's Acad. Title		Professor	Module Leader's Qualification		Ph.D.
Module Tutor	Khalid abdulwahab ahmed		e-mail	khalid.ahmed@uoalkitab.edu.iq	
Peer Reviewer Name			e-mail		
Scientific Committee Approval Date		/06/2023	Version Number		1.0

Relation with other Modules

العلاقة مع المواد الدراسية الأخرى

Relation with other Modules

العلاقة مع المواد الدراسية الأخرى

Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents

هذاف انداج اندراسح وتائج انتهي وانختناخ الارشادح

Module Objectives

أهذاف انداج اندراسح

Clarification of how electricity and magnetism can make significant contributions to a wide range of scientific problems in medical physics sciences. This course deals with the basic concept of electricity and magnetism. Learn about the relations of electricity with magnetism and the medical applications of such relation. To understand and comprehend the impact of electricity and magnetism on medical physics sciences. To perform different electricity and magnetism applications. At the end of the course the students will have broad knowledge of the basic concepts, technique and application of electricity and magnetism. This will be achieved through, theoretical lectures, tutorials and laboratory.

Module Learning Outcomes

بخرخاخ انتهي انداج اندراسح

CLO-1: Define the basics of electricity and magnetism.
CLO-2: Identify relation between charge and matter, coulombs law, the electric field and how to measure it, Motion of the electron normally to the electric field, Gauss law for measuring the flux of electric field and its application.
CLO-3: Learn about the relation between the electric field and electric potential, Application for calculation of the electric field.
CLO-4: Summarized the capacitors and its connections in parallel and in series, the effects of adding a dielectric between the plates, Stored energy in capacitor. CLO-5: Explain the electric current and dc circuits.
CLO-6: Discuss the magnetic field, Magnetic flux, Motion of charged particles in magnetic field.
CLO-7: Recognize the force on a current carrying conductor.
CLO-8: Explain ampere Law, Electromagnetic induction and faradays law and its applications in medical physics sciences.

Indicative Contents

البحتناخ الارشادح

Part A – Theoretical lectures

Introduction The relation between charge and matter, coulombs law, The electric field, Motion of the electron normally to the electric field. [5 hrs.], Gauss law, the flux of electric field and its application. [3 hrs.], The electric potential, The relation between the electric field and electric potential. [3 hrs.]. Application for calculation of the electric field[3hr]. Capacitors in parallel and in series and Capacitors with dielectric placed between the plates [2hr]. Stored energy in capacitor, electric current and dc circuits, Ohms law[2hr]. The magnetic field, Magnetic flux, Motion of charged particles in magnetic field[2hr]. Motion of charged particles in magnetic field, Force on a current carrying conductor[3hr]. Torque on a current loop, Magnetic field in

Learning and Teaching Strategies

استراتيجيات التعلم والتعليم

Strategies

Expanding students' perceptions about this science and its contents. In addition to the use of different tools and experiments in distinguishing the electric and magnetic through observations and measuring. This will be achieved through lectures, labs, and interactive tutorials and by types of practical activities.

Student Workload (SWL)

الحمولة الدراسية (SWL) بحسب 11 أسبوعاً

Structured SWL (h/sem) الحمولة الدراسية المنظمة (ساعات/فصل دراسي)	94	Structured SWL (h/w) الحمولة الدراسية المنظمة (ساعات/أسبوع)	6
Unstructured SWL (h/sem) الحمولة الدراسية غير المنظمة (ساعات/فصل دراسي)	56	Unstructured SWL (h/w) الحمولة الدراسية غير المنظمة (ساعات/أسبوع)	4
Total SWL (h/sem) الحمولة الدراسية الإجمالية (ساعات/فصل دراسي)	150		

Module Evaluation

تقييم الوحدات الدراسية

	Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
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Formative assessment	Quizzes	5	20% (10)	1,2,5	CLO-1, CLO-2 , CLO-5, CLO-9 , CLO-12
	Assignments	2	10% (10)	7 and 12	CLO-4, CLO-6
	Projects / Lab.	6	10% (10)	Continuous	All
	Report	0			
Summative assessment	Midterm Exam	2hr	10% (10)	7	CLO-1, CLO-2, CLO-3, CLO-4 and CLO-5
	Final Exam	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

يلاحظ: يجب حثّ الطلاب على التحضير الجيد، وتضاف النسخة الخاصة بها أن أ يحرأخر ختار أسرار الأذاج ي تفصلأخ انذرخج-إلا

(2) يَرج وصف انأذج انذراسحُ

Module Information

معلومات المادة الدراسية

Module Information				
معلومات المادة الدراسية				
Module Title	Mechanics and properties of matter II		Module Delivery	
Module Type	C		<input checked="" type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture <input checked="" type="checkbox"/> Lab <input checked="" type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar	
Module Code	UOKTB10MP107			
ECTS Credits	7			
SWL (hr/sem)	175			
Module Level	UGx11	1	Semester of Delivery	2
Administering Department	Physics		College	Science
Module Leader			e-mail	
Module Leader’s Acad. Title			Module Leader’s Qualification	
Module Tutor			e-mail	
Peer Reviewer Name	Name		e-mail	E-mail
Scientific Committee Approval Date			Version Number	1.0

Relation with other Modules

العلاقة مع المواد الدراسية الأخرى

Prerequisite module	Mechanics and properties of matter I	Semester	
Co-requisites module	None	Semester	

يَرج وصف انأدج اندراسُح

3

Module Information <small>معلومات المادة الدراسية</small>					
Module Title	Organic Chemistry		Module Delivery		
Module Type	B		<input checked="" type="checkbox"/> Theory <input type="checkbox"/> Lecture <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar		
Module Code	UOKTB10MP1012				
ECTS Credits	5				
SWL (hr/sem)	125				
Module Level	UGx11	1	Semester of Delivery		2
Administering Department		Type Dept. Code	College	Type College Code	
Module Leader			e-mail		
Module Leader's Acad. Title		Lecturer	Module Leader's Qualification		
Module Tutor			e-mail		
Peer Reviewer Name			e-mail		
Scientific Committee Approval Date			Version Number	1.0	

Relation with other Modules <small>الآلاق بـغ انأاد اندراسُح انخري</small>			
Prerequisite module	Organic chemistry	Semester	
Co-requisites module	None	Semester	

يَرَج وصف انداسج

4

Module Information وعلوياسج الياسج الدراسج					
Module Title	Human Rights and Democracy		Module Delivery		
Module Type	S		<input checked="" type="checkbox"/> Theory <input type="checkbox"/> Lecture <input type="checkbox"/> Lab <input type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar		
Module Code	UOKTB10MP1010				
ECTS Credits	2.00				
SWL (hr/sem)	50				
Module Level		UGx11	1	Semester of Delivery	2
Administering Department		Type Dept. Code		College	Type College Code
Module Leader				e-mail	
Module Leader's Acad. Title				Module Leader's Qualification	
Module Tutor				e-mail	
Peer Reviewer Name		Name		e-mail	E-mail
Scientific Committee Approval Date				Version Number	1.0

Relation with other Modules انلاقيح ينج انناد انداسج الاخي				
Prerequisite module			Semester	

يَرَج وصف انداسج

Module Information

معلومات المادة الدراسية

Module Title	English Language		Module Delivery	
Module Type	S		<input checked="" type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture <input type="checkbox"/> Lab <input type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar	
Module Code	UOKTB10MP1011			
ECTS Credits	2			
SWL (hr/sem)	50			
Module Level	1	Semester of Delivery		
Administering Department	Medical Physics	College	Science	
Module Leader			e-mail	
Module Leader's Acad. Title			Module Leader's Qualification	
Module Tutor			e-mail	
Peer Reviewer Name			e-mail	
Scientific Committee Approval Date			Version Number	1.0

Relation with other Modules

Prerequisite module		Semester	
Co-requisites module		Semester	

يُرجى وصف الأندج اندراس

Module Information

معلومات الوحدة

Module Title	Mathematics 1	Module Delivery		
Module Type	B	<input checked="" type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture <input type="checkbox"/> Lab <input type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar		
Module Code	UOKTB10MP103			
ECTS Credits	8			
SWL (hr/sem)	200			
Module Level	UGx11	1	Semester of Delivery	1
Administering Department	MPH	College	Science	
Module Leader		e-mail		
Module Leader's Acad. Title		Module Leader's Qualification		
Module Tutor		e-mail		
Peer Reviewer Name		e-mail		
Scientific Committee Approval Date		Version Number	1.0	

يُرجى وصف الوحدة

Module Information

معلومات الوحدة

Module Information						
ﻣﺎﺋﻤﺎﺗﯩﻲ ﺋﺎﻧﺪﺟﯩﻲ ﺋﯩﺰﺗﯩﺮﺍﺷﯩﻲ						
Module Title	Mathematics 2			Module Delivery		
Module Type	B			<input checked="" type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture <input type="checkbox"/> Lab <input type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar		
Module Code	UOKTB10MP108					
ECTS Credits	8					
SWL (hr/sem)	200					
Module Level		UGx11	1	Semester of Delivery		2
Administering Department			MPH	College	Science	
Module Leader				e-mail		
Module Leader’s Acad. Title				Module Leader’s Qualification		
Module Tutor				e-mail		
Peer Reviewer Name				e-mail		
Scientific Committee Approval Date				Version Number		1.0

Relation with other Modules

العلاقة مع الوحدات الأخرى

Prerequisite module	None	Semester	
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يُرجى وصف الوحدة الأخرى

Module Information				
Module Title	Analatical Chemistry		Module Delivery	
Module Type	B		← ☒ Theory ← ☐ Lecture ← ☒ Lab ← ☒ Tutorial ← ☐ Practical ← ☐ Seminar	
Module Code	UOKTB10MP102			
ECTS Credits	4			
SWL (hr/sem)	100			
Module Level		1		
Administering Department		Medical Physics	College	Science
Module Leader			e-mail	
Module Leader’s Acad. Title			Module Leader’s	
Module Lab			e-mail	
Peer Reviewer Name			e-mail	
Scientific Committee Approval Date			Version Numbe	1.0

Relation with other Modules			
Prerequisite module	none	Semester	
Co-requisites module	None	Semester	

9 Module Information				
Module Title	Arabic Language		Module Delivery	
Module Type	S		<div>← <input checked="" type="checkbox"/> Theory</div> <div>← <input checked="" type="checkbox"/> Lecture</div> <div>← <input type="checkbox"/> Lab</div> <div>← <input type="checkbox"/> Tutorial</div> <div>← <input type="checkbox"/> Practical</div> <div>← <input type="checkbox"/> Seminar</div>	
Module Code	UOKTB10MP106			
ECTS Credits	3			
SWL (hr/sem)	75			
Module Level		1		
Administering Department		Medical Physics	College	Science

Module Leader		e-mail	
Module Leader's Acad. Title		Module Leader's	
Module Lab		e-mail	
Peer Reviewer Name		e-mail	
Scientific Committee Approval Date		Version Numbe	1.0

Relation with other Modules			
Prerequisite module	none	Semester	
Co-requisites module	None	Semester	

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10 Module Information			
Module Title	Biology	Module Delivery	
Module Type	B	<div> ← <input checked="" type="checkbox"/> Theory ← <input type="checkbox"/> Lecture ← <input checked="" type="checkbox"/> Lab ← <input checked="" type="checkbox"/> Tutorial ← <input type="checkbox"/> Practical ← <input type="checkbox"/> Seminar </div>	
Module Code	UOKTB10MP104		
ECTS Credits	6		
SWL (hr/sem)	150		
Module Level	1	Semester of Delivery	1
Administering Department	Medical Physics	College	Science
Module Leader		e-mail	
Module Leader's Acad. Title		Module Leader's	
Module Lab		e-mail	
Peer Reviewer Name		e-mail	
Scientific Committee Approval Date		Version Numbe	1.0

Relation with other Modules			
Prerequisite module	None	Semester	

Co-requisites module	None	Semester	
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