Republic of Iraq
Ministry of Higher Education & Scientific Research
Supervision and Scientific Evaluation Directorate
Quality Assurance and Academic Accreditation
International Accreditation Dept.

Academic Program Specification Form For The Academic Year 2022-2023

University:
College : Al-Noor University College
Number Of Departments In The College : Medical Laboratories Techniques
Date Of Form Completion : 15/9/2022

Dean's Name

Date : 4 / 11 / 2022

Signature

S. K. Abdulla

Dean 's Assistant For Scientific Affairs

Prof. Dr. Samir K. Abdulla

Date : 3 / 11 / 2022

Signature

Head of The Department

Date : 1 / 11 / 2022

Signature

Quality Assurance And University Performance Manager

Date : 3 / 11 / 2022

Signature

TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

This Programme Specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It is supported by a specification for each course that contributes to the programme.

1. Teaching Institution	Al-Noor University College
2. University Department/Centre	Medical Laboratories Techniques
3. Programme Title	Applied Professional
4. Title of Final Award	B.Sc. in Medical laboratories Techniques
5. Modes of Attendance offered	Yearly
7. Other external influences	Ministry of Higher Education and Scientific Affairs
8. Date of production/revision of this specification	2022
9. Aims of the Programme	
- To provide students with basic theoretical knowledge and practical sessions in various fields related to the profession.	
-Teaching students the necessary skills to deal with biological samples for analysis.	
-Training students on the use of various medical laboratory techniques .	
-Students will learn how to communicate with patients in need of laboratory analysis	

10. Learning Outcomes, Teaching, Learning and Assessment Methods
A. Knowledge and Understanding A1. All the necessary subjects required for medical laboratory analysis. A2. Prepare and perform various medical laboratory procedures. A3. Interpreting the results of analysis. A4. Learning how to obtain human samples and how to handle them. A5. Writing a report of the results of the analysis. A6.
B. Subject-specific skills B1. Use of medical laboratory utensils. B2. Use of medical laboratory equipments. B3. Performing analytical procedures independently.
Teaching and Learning Methods
Theoretical lectures , animation videos , laboratory experiments
Assessment methods
- Weekly laboratory reports. - Periodical quiz. - Semester examinations (Theory and practical). - Final year examination. (Theory and practical).
C. Thinking Skills C1. Interpretation of analytical results. C2. Correlating the results with the state of the patients. C3. Proper reporting of the results. C4.
Teaching and Learning Methods
Assessment methods

D. General and Transferable Skills (other skills relevant to employability and personal development)
D1.Ability to use computerized laboratory equipments.
D2.Skillful communication with patients and doctors.
D3.Ability to diagnose problems with laboratory equipments.
D4.

Teaching and Learning Methods

Assessment Methods

11. Programme Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit Rating	
First	/	General Chemistry	8	Bachelor Degree Requires (x) credits
=	/	Human Biology	8	
=	/	Laboratory Instruments	5	180
=	/	Human anatomy and medical terminology	8	
=	/	Ethics and Safety	4	
=	/	Human rights	4	
=	/	English language1	4	

=	/	Computer applications	4	
Second	/	Microbiology	8	
=	/	Clinical Biochemistry	8	
=	/	Human physiology	6	
=	/	Human Histology	6	
=	/	Molecular Biology	8	
=	/	Medical Parasitology	8	
Third	/	Histopathology	7	
=	/	Hematology	6	
=	/	Mycology and Virology	6	
=	/	Clinical Chemistry	6	
=	/	Human genetics	6	
=	/	Advance Laboratory Techniques	6	
=	/	Immunology	6	
=	/	Statistics and computer applications	4	
Fourth	/	Clinical Immunology	8	
=	/	Diagnostic Bacteriology	8	
=	/	Advanced Clinical Chemistry	8	
=	/	Medical Parasitology	8	

=	/	Blood transfusion	8	
=	/	Pathology	5	
=	/	Laboratory management and research methods	2	
=	/	Research project	5	

13. Personal Development Planning
Professional training at accredited facilities for two month during summer holidays After the second and third years.
14. Admission criteria .
Centrally determined by the ministry of higher education which may change every year .
15. Key sources of information about the programme
-The official web site of the college. -The department administrator. -Registration office of the college.

Curriculum Skills Map

please tick in the relevant boxes where individual Programme Learning Outcomes are being assessed

Year / Level	Course Code	Course Title	Core (C) Title or Option (O)	Programme Learning Outcomes															
				Knowledge and understanding				Subject-specific skills				Thinking Skills				General and Transferable Skills (or) Other skills relevant to employability and personal development			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
First	/	Chemistry	C			√		√						√					
=	/	Human Biology	C		√			√	√					√					
=	/	Anatomy	C	√										√					
=	/	Laboratory Instruments	C		√			√	√					√		√			
=	/	Ethics and safety	O														√		
=	/	Human rights	O																
=	/	English language1	O														√		
=	/	Computer applications	O													√			
Second	/	Microbiology	C	√	√	√	√	√	√			√	√	√			√	√	
=	/	Clinical biochemistry	C	√	√	√	√	√	√	√		√	√	√		√	√	√	
=	/	Human physiology	C	√			√	√	√				√√	√			√		

=	/	Human histology	C	√			√	√	√										
=	/	Molecular biology	C	√			√	√	√										
=	/	Parasitology	C	√	√	√	√	√		√		√	√	√			√	√	
		e2	O																
Third	/	Histopathology	C	√	√	√	√	√	√			√	√	√		√	√		
=	/	Hematology	C	√	√	√	√	√	√	√		√	√	√		√	√	√	
=	/	Virology& Mycology	C	√	√	√	√	√	√	√		√	√	√		√	√		
=	/	Human Genetics	C	√	√	√	√	√	√			√	√	√		√	√		
=	/	Clinical Chemistry	C	√	√	√	√	√	√	√		√	√	√		√	√	√	
=	/	Advance Lab Techniques	C	√	√	√	√	√	√	√		√	√	√		√		√	
=	/																		
=		Immunology	C	√	√	√	√	√	√			√	√	√		√	√		
=	/	Statistics ,Computer application	O																
=	/																		
Fourth	/	Clinical Immunology	C		√	√	√	√	√	√		√	√	√			√	√	
=	/	Diagnostic Bacteriology	C	√	√	√	√	√	√	√		√	√	√			√	√	
=	/	Advance Clinical Chemistry	C	√	√	√	√	√	√	√		√	√	√		√	√	√	
=	/																		
=	/	Medical Parasitology	C	√	√	√	√	√	√	√		√	√	√			√		
=	/	Blood transfusion	C	√	√	√	√	√	√	√		√	√	√			√		
=	/	Pathology	C			√												√	
=	/	Lab management and research methods	O																
=	/																		
=	/	Research project	C	√	√	√	√	√	√	√		√	√	√		√	√	√	