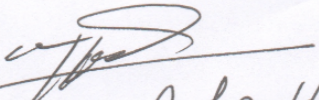

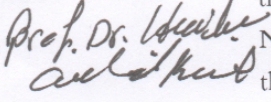
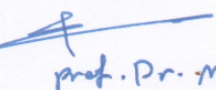



University Name: Al Safwa University College
College/Institute: Al Safwa University College
Scientific Department: Department the pharmacy
Name of the academic or professional program: Bachelor's degree Pharmacy.
Name of final degree: Bachelor of Science in the pharmacy
School system: courses
Description preparation date: 3/3/2024
File filling date: 3/3/2023

the signature:  the signature: 
Name of scientific assistant: Prof. Dr. Idris Name of department head: Dr. Husam H. Tizkam
the date:  the date:



the date 16/3/2024
the signature  Prof. Pr. Mousa A. Ali

Authentication of the Dean 
Prof.: MUSA F A L-Harmani
phd

1. See the program

The Department of Pharmacy seeks to be distinguished in its performance with regard to teaching pharmaceutical sciences in the service of society and its health institutions. It also seeks to be attractive to scientific competencies on the one hand and the focus of attention of students wishing to study pharmacy on the other hand..

2. Program message

- Providing graduates with theoretical and practical pharmaceutical sciences to graduate competent pharmacists capable of providing pharmaceutical services to the community and health institutions.
- Working to apply quality to develop scientific development in the pharmaceutical field by promoting a modern educational environment that aims to develop students' abilities and skills to work in private pharmacies, pharmaceutical factories, and health, research and educational institutions.

3. Program Goals

- 1- Preparing the department's students to be familiar with the theoretical and practical aspects of a number of basic sciences, such as microbiology, biochemistry, clinical science, immunology, physiology, pharmacology, industrial pharmacy, clinical pharmacy, and other sciences, as well as the ability to deal with modern technologies used in the field of pharmaceutical technology, in order to secure a scientific database on A high level of accuracy in dealing with the patient's medical condition.
- 2- Working to develop a distinct personality for the student by developing cultural and social awareness, which qualifies him after graduation to contribute effectively to serving his community.
- 3- Working to create a suitable scientific environment to prepare highly specialized cadres in the future (Master's and PhD), while developing their capabilities in the research field, which contributes to providing information about the nature of diseases, their causes in the local community, and how to treat them.
- 4- Researching recent topics and identifying problems that need more in-depth scientific research.

4. Program accreditation
Nothing

5. Other external influences
theoretical -practical - Oral-Training(Hospitals/Laboratories/Summer)- Graduation research

7. Program structure					6.
comments *	Percentage	Study unit	Number of courses	Program structure	Stage
Basic		2		Human biology	The first stage
Basic		2		Principles of pharmacy	
Basic		3		analytical chemistry	
Basic		2		Computer science	
Basic		3		Mathematics and statistics	
my choice		1		medical terminology	
my choice		2		English	
my choice		2		Arabic	
Basic		1		Anatomy	
Basic		2		Pharmaceutical accounts	
Basic		2		Medical physics	
Basic		3		organic chemistryI	
Basic		2		Histology	
my choice		1		human rights	
my choice		-		Computer scienceII	
my choice		2		EnglishII	
Basic		3		organic chemistryII	The second phase
Basic		3		Medical microbiology	

Basic		3		Physical pharmacyI	
Basic		3		PhysiologyI	
Basic		1		democracy	
Basic		2		Arabic Language	
Basic		2		organic chemistryIII	
Basic		2		Viruses and parasites	
Basic		3		Physical pharmacyII	
Basic		3		PhysiologyII	
Basic		3		DrugsI	
Basic		2		Inorganic pharmaceutical chemistry	third level
Basic		2		IIDrugs	
Basic		3		Pharmaceutical techniquesI	
Basic		3		BiochemistryI	
Basic		3		Philosophy of pathology	
Basic		2		English	
Basic		3		pharmacologyI	
Basic		3		Pharmaceutical techniquesII	
Basic		3		BiochemistryII	
Basic		3		DrugsIII	
Basic		2		Organic pharmaceutical chemistry	The fourth stage
Basic		1		Ethics	
Basic		4		pharmacologyII	
Basic		4		Pharmaceutical organic chemistryII	
Basic		3		Clinical pharmacyI	
Basic		3		Life pharmacy	
Basic		2		Community health	
my choice		2		communication skills	

Basic		4		Pharmaceutical organic chemistryIII I	level five
Basic		3		Clinical pharmacyII	
Basic		3		pharmacologyIII	
Basic		2		Industrial pharmacyI	
Basic		3		General toxins	
Basic		2		Organic pharmaceutical chemistryIV	
Basic		4		Industrial pharmacyII	
Basic		3		Applied treatmentsI	
Basic		4		clinical Chemistry	
Basic		3		Clinical toxicology	
Basic		2		Laboratory training	
Basic		1		The project	

* Notes may include whether the course is core or elective.

Program description .8				
Credit hours		Name of the course or course	Course or course code	Year/level
1	2	Human biology		2023–2024 /The first
-	2	Principles of pharmacy		
1	3	analytical chemistry		
1	2	Computer science		
-	3	Mathematics and statistics		
-	1	medical terminology		
-	2	English		
-	2	Arabic		

1	1	Anatomy		
1	2	Pharmaceutical accounts		
1	2	Medical physics		
1	3	organic chemistry ^I		
1	2	Histology		
-	1	human rights		
2	-	Computer science ^{II}		
-	2	English ^{II}		
1	3	organic chemistry ^{II}		
1	3	Medical microbiology		
1	3	Physical pharmacy ^I		
1	3	Physiology ^I		
-	1	democracy		
-	2	Arabic Language		
1	2	organic chemistry ^{I II}		
1	2	Viruses and parasites		
1	3	Physical pharmacy ^{II}		
1	3	Physiology ^{II}		
1	3	Drugs ^I		2023/2024, third stage
1	2	Inorganic pharmaceutical chemistry		
1	2	Drugs ^{II}		
1	3	Pharmaceutical techniques ^I		
1	3	Biochemistry ^I		
1	3	Philosophy of pathology		
-	2	English		

1	3	Organic pharmaceutical chemistry ^I		
-	3	pharmacology ^I		
1	3	Pharmaceutical techniques ^{II}		
1	3	Biochemistry ^{II}		
1	2	Drugs ^{I II}		
-	1	Ethics		
1	3	pharmacology ^{II}		
1	3	Pharmaceutical organic chemistry ^{II}		
1	2	Clinical pharmacy ^I		
1	2	Life pharmacy		
-	2	Community health		
-	2	communication skills		2023/2024, fourth stage
-	2	pharmacology ^{II I}		
1	3	Pharmaceutical organic chemistry ^{II I}		
1	2	Clinical pharmacy ^{II}		
1	2	General toxins		
1	3	Industrial pharmacy ^I		
-	2	Organic pharmaceutical chemistry ^{v I}		
1	3	Industrial pharmacy ^{II}		2023/2024, fifth stage
-	3	Applied treatments ^I		
1	3	clinical Chemistry		

2	-	Laboratory training	
1	2	Clinical toxicology	
-	1	The project	
-	2	Pharmacoeconomics	
-	2	Applied treatments ^{II}	
1	2	Pharmaceutical control	
1	3	Advanced pharmaceutical analyses	
2	-	Hospital training	
-	2	Drug dosage design	
-	1	Pharmaceutical biotechnology	

9. Expected learning outcomes of the programme	
Knowledge	
	Qualifying Department students the pharmacy For extensive knowledge in life sciences and chemistry and clinical pharmacy This enables the graduate to employ this knowledge in the field Treatments Pharmaceutical
Skills	
	The ability to identify abnormal deviations in the levels and nature of standards used in identifying cases Pathogenesis. 1-Gain extensive knowledge and skills In industrial and technological pharmaceutical techniques In order to enable

	the graduate to employ these knowledge and skills in...Field of pharmaceutical industry. 2- The ability to identify the Factors Influential pathogens On human health and what surrounds it.
Value	

10. Teaching and learning strategies

-Active learning:

Encouraging students to actively participate in learning processes through discussions, case studies, and problem-solving activities.

Use group projects and learn collaboration to enhance teamwork and communication skills.

-Clinical correlation:

Linking theoretical concepts with real-life pharmacy applications to illustrate the practical application of knowledge.

Inclusion of case studies and examples from actual clinical scenarios to enhance understanding.

-Interaction technology:

Use technology tools such as virtual labs, simulations, and online resources to enhance the learning experience.

Integrate multimedia presentations and interactive platforms for better engagement.

-Problem based learning:

Present students with real problems and allow them to work collaboratively to find solutions.

Problem-based learning enhances critical thinking, problem-solving and decision-making skills.

-Clinical and practical training:

Providing opportunities for students to gain practical experience through clinical training and pharmacy internships.

Enhancing familiarity with actual pharmaceutical practice helps link theoretical and applied aspects.

-Evaluation and feedback:

Implement regular assessments to measure students' understanding of material.

Provide constructive feedback to help students identify areas for improvement and promote positive learning outcomes.

-Lectures and industrial participation:

Invite professionals from the pharmacy industry to guest lecture and share practical insights.

Strengthening the connection between students and professionals to enhance communication and career development.

-Adaptive learning strategies:

Recognizing diverse learning styles and speeds among students.

Adapt teaching methods to suit individual needs, providing additional resources or support when necessary.

-Integrating basic and clinical sciences:

Integrate basic scientific concepts with clinical applications to demonstrate the interconnectedness of knowledge.

Help students understand the importance of basic science in clinical pharmacy practice.

-Continuing professional development:

Encouraging a culture of lifelong learning by emphasizing the importance of following recent developments in the field.

Integrate professional development and self-learning opportunities.

These strategies aim to create a dynamic and engaging learning environment for pharmacy students, enhancing both theoretical knowledge and practical skills essential for their future career

11. Evaluation methods

Weekly, monthly, daily exams and the end of the year exam.

12. education institution

Faculty members

Preparing the teaching staff		Special requirements/skills (if any)	Specialization		Scientific rank
			private	general	
	staff		English poetry	English literature	
	staff		Pharmaceuticals	Pharmacy	Asst.Prof. Dr. Hossam Hamed Taskam
	staff		Medicines and toxins	Pharmacy	Asst.Prof. Osama Qais Fadel
	staff		Immunity and molecular genetics	Medical microbiology	Lec.D. Ashwaq Hussein Kazem
	staff		clinical Chemistry	Pharmacy	Lec.D. Sana Abdul Jabbar Ali
	staff		Pharmaceuticals	Pharmacy	Lec.Dr. Raed Muhammad Mazloun
	Staff		Drugs	Pharmacy	Lec.D Ghazwan Abdel Karim Abdel
	Staff		Biotechnology	Microbiology	Lec.D. Ammar Fawzi Muhammad
	Staff		clinical Chemistry	Sciences	Lec.D Maha Radhi Abbas
	Staff		organic chemistry	Sciences	Lec.D. Ali Ahmed Abdel Reda
	Staff		Microbiology	Life sciences	Asst.Lec. Atyaf Ali Sahib
	Staff		Clinical biochemistry	Pharmacy	Asst.Lec. Karam Akram Mahmoud
	staff		Pharmaceutical chemistry	Pharmacy	Asst.Lec. Alaa Abdel Hassan Abbas

	staff		clinical Chemistry	Pharmacy	Asst.Lec. Zahraa Saad, phone
	Staff		Medicines and toxins	Pharmacy	Asst.Lec.. Maha Hussein Abdel Kazem
	staff		Medicines and toxins	Pharmacy	Asst.Lec. Ayat Sahib Muhammad
	staff		Pharmaceuticals	Pharmacy	Asst.Lec. Wissam Muhammad Naem
	Staff			Sciences	Asst.Lec. Israa Jawad Abdel Rasoul
	Staff		Pharmaceutical chemistry	Pharmacy	Asst.Lec. Ahmed Muhammad Mutlak
	Staff		Physical chemistry	Sciences	Asst.Lec. Nour Qusay Abdel-Sahib
	Staff		Physical chemistry	Sciences	Asst.Lec Louay Jaber Abd Ali.
	Staff		Microbiology	Sciences	Asst.Lec. Fatima Turki Khalif
	Staff		Medical microbiology	Sciences	Asst.Lec. Hijran Tawfiq Adel
	Staff		Physical chemistry	Sciences	Asst.Lec Etemad Saleh Fadel.
	Staff		Physiology	Veterinary medicine	Asst.Lec. Azel Handel Bandar
	Staff		Drugs	Pharmacy	Asst.Lec. Muhammad Rahim Khuraibet
	angel		Biochemistry	Sciences	Asst.Lec. Hussein Karim Al-Aibi
	Staff		Biochemistry	Sciences	Asst.Lec. Muhammad Majid Aziz
	Staff		Life sciences	Sciences	Asst.Lec. Sri Fares Sobhi
	Staff		Biochemistry	Sciences	Asst.Lec. Fatima Jassim Mohammed
	Staff		Biochemistry	Sciences	Asst.Lec. Ahmed Abdel Hussein Khudair

	Staff			Public law	Law	Asst.Lec. Zainab Kazem Ali
	Staff			organic chemistry	Sciences	Asst.Lec. Murtada Muhammad Hussein
	Staff			Pharmaceuticals	Pharmacy	Asst.Lec.Haider Hussein Alwan
	Staff			Life sciences	Sciences	Asst.Lec. Rand Sajid Abdel Khader

Professional development

Orienting new faculty members

Professional development for faculty members

13. Acceptance standard

- The general average of central acceptance, which is:Just be within the established limits
YesBring the Ministry of Education
YesM
Higher education and scientific research.
- Personal interview with students applying for admission and noting verbal, behavioral or personality defects.
Which prevents them from joining the department.

14. The most important sources of information about the program

1. Central Library inthe college.
2. Internet information network.
3. Experiences of Arab and international universities.
4. Current curriculum.

15. Program development plan

Developing students' abilities in research and investigation by asking students to conduct modern discussion circles, as well as urging students to view on sources, books and magazines as a source of information.

