University Name:Al Safwa University College

College/Institute:Al Safwa University College

Scientific Department: Departmentthe pharmacy

Name of the academic or professional program: Bachelo:lor's degreePharmacy.

Name of final degree: Bachelor of Science inthe pharma:nacy

School system:courses

Description preparation date:8/3/2025

File filling date:5/4/2025

the signature

Name of scientific assistant:

the date:

كلية الصفوة الجامعة
رئاسة قسم الصيدلة

the signature:re:

Name of dep:epartment head:

the date:

the date

the signature

Name of Quality Assurance Department Prof. Dr. Moaz H. Ali

Authentication of the Dean

Alizalan

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	
Basic		3		Medical microbiology	
Basic		3		Physical pharmacyI	
Basic		3		PhysiologyI	
Basic		1		democracy	
Basic		2		Arabic Language	**The second phase**
Basic		2		organic chemistryIII	
Basic		2		Viruses and parasites	
Basic		3		Physical pharmacyII	
Basic		3		PhysiologyII	
Basic		3		DrugsI	
Basic		2		Inorganic pharmaceutical chemistry	
Basic		2		IIDrugs	
Basic		3		Pharmaceutical techniquesI	
Basic		3		BiochemistryI	
Basic		3		Philosophy of pathology	**third level**
Basic		2		English	
Basic		3		pharmacologyI	
Basic		3		Pharmaceutical techniquesII	
Basic		3		BiochemistryII	
Basic		3		DrugsIII	

Basic		2		Organic pharmaceutical chemistry	
Basic		1		Ethics	
Basic		4		pharmacologyII	**The fourth stage**
Basic		4		Pharmaceutical organic chemistryII	
Basic		3		Clinical pharmacy1	
Basic		3		Life pharmacy	
Basic		2		Community health	
my choice		2		communication skills	
Basic		4		Pharmaceutical organic chemistryIII I	
Basic		3		Clinical pharmacyII	
Basic		3		pharmacologyIII	
Basic		2		Industrial pharmacyI	
Basic		3		General toxins	
Basic		2		Organic pharmaceutical chemistryIV	**level five**
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		2024-2025 /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 chemistryI		
1	2	Histology		
-	1	human rights		
2	-	Computer scienceII		
-	2	EnglishII		
1	3	organic chemistryII		2024/2025 second stage
1	3	Medical microbiology		
1	3	Physical pharmacyI		
1	3	PhysiologyI		
-	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		
1	2	Inorganic pharmaceutical chemistry		2024/2025, third stage
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		2024/2025, fourth stage
1	3	Pharmaceutical organic chemistry II		
1	2	Clinical pharmacy I		
1	2	Life pharmacy		

-	2	Community health		
-	2	communication skills		
-	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 chemistryv ^{I}		2024/2025, fifth stage
1	3	Industrial pharmacy^{II}		
-	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 chemistryand clinical pharmacyThis enables the graduate to employ this knowledge in the fieldTreatments Pharmaceutical
Skills	
	The ability to identify abnormal deviations in the levels and nature of standards used in identifying casesPathogenesis. 1-Gain extensive knowledge and skillsIn industrial and technological pharmaceutical techniquesIn order to enable the graduate to employ these knowledge and skills in...Field of pharmaceutical industry. 2- The ability to identifytheFactorsInfluential pathogensOn 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 Mazloum**
	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. Angham Muhsen**
	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 Naeem**

	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. Suri 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 limitsYesBring the Ministry of EducationYesM
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 studentsTo viewOn sources, books and magazines as a source of information.