

Programme Catalogue

College Name	College Abbreviation
Pharmacy	Phr
Department Name (in English)	Department Abbreviation
Pharmacy	Phrm
Department Name (in Kurdish)	
دەرمانسازى	
Department Name (in Arabic)	
صيدلة	
1. Qualification awarded	
Bachelor of Science in Pharmacy	
2. Length of programme	
5 years	
3. Number of credits	
300 ECTS	
4. Level of qualification according to the National Qualification Framework and the European Qualifications Framework	
First cycle, Bachelor's degree	
5. Field(s) of study (e.g. ISCED-F)	
6. Specific admission requirements (if applicable)	
7. Specific arrangements for recognition of prior learning (formal, non-formal and informal) (if applicable)	
The programme may recognize formal credits earned in formal context if these credits are relevant to the programme and confirmed by the Transcript of Records.	
8. Qualification requirements and regulations, including graduation requirements	
Students should successfully complete all the required components and collect 300 ECTS Credits.	
9. Profile of the programme	
College of Pharmacy is an institution of learning, research and public utility to serve and develop human health by offering good quality of pharmaceutical education in order to prepare professionally skilled and qualified pharmacists who can serve the community in health institutions, factories, pharmaceutical establishments, and disseminate health education and awareness among people.	
10. Programme Educational Objectives	
1. Provides pharmacy students with a strong foundation in biological and health sciences while fostering critical thinking, digital literacy, ethical responsibility, and the ability to apply knowledge in pharmaceutical, clinical, and healthcare settings.	

2. Cultivates understanding of drug action, pharmacokinetics, toxicology, and therapeutic strategies, preparing students to analyze pharmacological interventions, practice ethically and legally, and contribute to pharmaceutical sciences through evidence-based research and professional practice.
3. Emphasizes patient-centered pharmaceutical care by integrating pharmacotherapy, pathology, public health, and ethics, enabling students to make effective therapeutic decisions, promote community health, and collaborate within multidisciplinary healthcare systems.
4. Focuses on drug formulation, manufacturing, biopharmaceutics, and advanced delivery systems, combining theory with practical skills to develop safe, effective, and patient-centered products while emphasizing regulatory standards and clinical as well as industrial applications.
5. Develops knowledge of chemical, biochemical, and analytical principles underlying drug design and therapeutic mechanisms, while strengthening laboratory skills, critical thinking, and evidence-based interpretation for pharmaceutical research, quality control, and modern pharmacy practice.

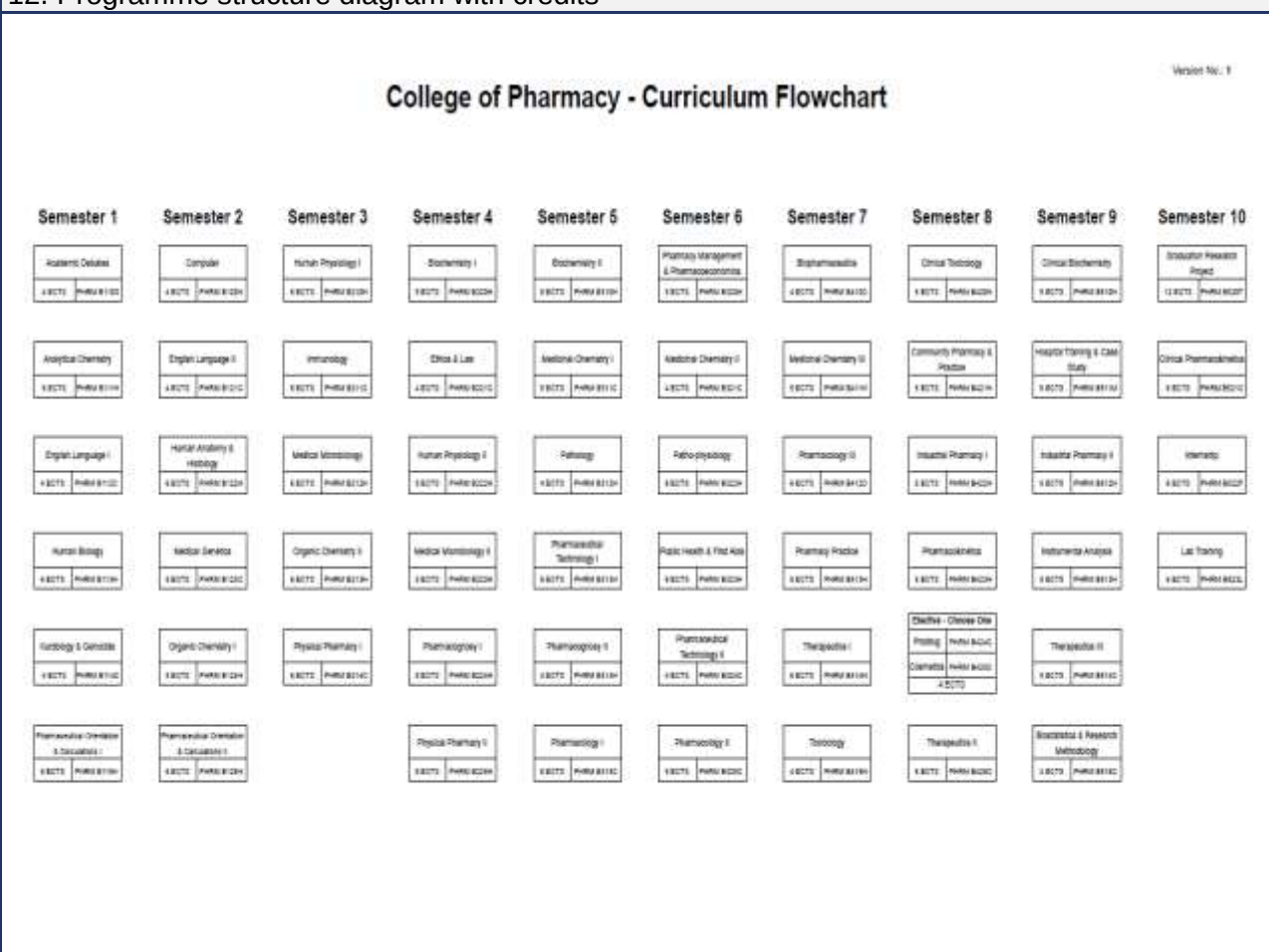
11. Programme learning outcomes

Graduates of the College of Pharmacy will be able to:

1. Utilize integrated knowledge from pharmaceutical, chemical, biological, and clinical sciences to elucidate drug action mechanisms and implement evidence-based medication therapy across diverse healthcare settings.
2. Provide comprehensive pharmaceutical care through thorough patient assessment, individualized therapy planning, therapeutic monitoring, and interprofessional collaboration to optimize medication safety and efficacy.
3. Communicate effectively with patients and healthcare professionals using culturally appropriate strategies, while demonstrating leadership abilities, ethical decision-making, and advocacy for optimal patient outcomes.
4. Develop and implement health promotion strategies addressing community needs, considering social determinants of health and employing preventative approaches to improve population health outcomes.

5. Design and manage medication use systems to ensure safety, quality, and cost-effectiveness through pharmacoeconomic evaluation, quality assurance protocols, and regulatory compliance in various practice settings.
6. Apply principles of pharmaceutical technology to develop and evaluate dosage forms, drug delivery systems, and quality control processes in accordance with regulatory requirements and manufacturing standards.
7. Critically evaluate scientific literature, conduct pharmaceutical research, and translate findings into practice improvements while demonstrating proficiency in research design, analysis, and scholarly communication.
8. Engage in continuous professional development, adapt to evolving healthcare practices, identify service innovation opportunities, and contribute to the advancement of the pharmacy profession.

12. Programme structure diagram with credits



13. Mode of Study

Full time on campus

14. Examination regulations and grading scale

The following grading scale is used:

% Points	Grade
90 – 100	Excellent
80 - < 90	Very Good
70 - < 80	Good
60 - < 70	Medium
50 - < 60	Pass
0 - < 50	Fail

15. Mobility window (if applicable)

16. Work placement(s)/internships (if applicable)

The programme includes a 6 ECTS internship opportunity in semester 10

17. Work-based learning (if applicable)

18. Programme director or equivalent

Hariwan Akram Islam

19. Occupational profiles of graduates

Pharmacy graduates are equipped with a strong foundation in pharmaceutical sciences, clinical practice, drug development, and patient-centered care. Their scientific knowledge, communication skills, and problem-solving abilities prepare them for diverse careers across healthcare, industry, research, and regulatory fields, enabling them to adapt to the growing demands of the pharmaceutical and healthcare sectors.

Typical roles for graduates include:

1. **Community Pharmacist:**

Dispensing medications, counseling patients, managing minor ailments, and promoting safe, effective use of medicines.

2. **Hospital Pharmacist:**

Working within healthcare teams to optimize drug therapy, prepare specialized medications, manage clinical pharmacy services, and support patient care in hospitals.

3. **Clinical Pharmacist:**

Providing medication therapy management, participating in clinical rounds, monitoring treatment outcomes, and ensuring evidence-based therapeutic decisions.

4. **Industrial Pharmacist:**

Engaging in pharmaceutical manufacturing, quality control, quality assurance, formulation development, and production of medicines.

5. **Regulatory Affairs Specialist:**

Ensuring compliance with national and international regulations, preparing drug registration dossiers, and supporting market authorization of pharmaceutical products.

6. **Research and Development (R&D) Scientist:**

Conducting scientific research in drug discovery, formulation, clinical trials, biotechnology, and pharmacological testing.

7. **Medical Representative / Pharmaceutical Sales Specialist:**

Promoting medications to healthcare professionals, providing scientific information, and supporting product awareness and safe use.

8. **Public Health Pharmacist:**

Participating in health promotion, disease prevention programs, vaccination campaigns, and public health policy support.

9. **Academic / Lecturer:**

Teaching in pharmacy schools, supervising students, and contributing to research in pharmaceutical sciences.

10. **Entrepreneur / Consultant:**

Establishing pharmaceutical businesses (e.g., pharmacies, labs), offering consultancy, or developing healthcare and wellness services.

20. Access to further studies

Graduates are eligible for further studies at higher diploma programmes or second-cycle (Master's) degrees in relevant disciplines.

21. Academic Staff

Full Name	Qualification	Academic title	Email
سوزان عمر رسول	PhD	Asst. Professor	
هيفى محمود	PhD	Asst. Professor	
هشيار محمد صالح	PhD	Lecturer	
دانيلى سوزيتى اوليفيرا	PhD	Professor	
ابتهسام صالح عبدالرحمن	PhD	Asst. Professor	
ارشد محمد عبدالله	PhD	Asst. Professor	
برهان عبدالله زمان	PhD	Asst. Professor	
رهزقان فيصل عبدالجبار	PhD	Asst. Professor	
غزوان احمد محمد رؤوف	PhD	Asst. Professor	
منهل أحمد عبدالقادر	PhD	Asst. Professor	
نضال مينا شير	PhD	Asst. Professor	
نيبال سامى ميخائيل	PhD	Asst. Professor	
جوليان اسماعيل بنيامين	PhD	Lecturer	
حسين محمد رشيد	PhD	Lecturer	
حسنى محمد حسن	PhD	Lecturer	
دينا ابريم كاكو	PhD	Lecturer	
ربيع جرياني عبدالله	PhD	Lecturer	
شيرزاد مجيد طاهر	PhD	Lecturer	
على مصطفى محمد صالح	PhD	Lecturer	
عمار احمد محمد	PhD	Lecturer	
كرم سعيد سليمان	PhD	Lecturer	
أفين منيب محمود	MSc	Lecturer	
دلقين موسى سليمان	MSc	Lecturer	
سهيل صباح شابا	MSc	Lecturer	
نشوان يونس مصطفى	MSc	Lecturer	
هند بهزاد ابراهيم	MSc	Lecturer	
وسن غازى عبدال	MSc	Lecturer	
اواز مجيد رشيد	MSc	Asst. Lecturer	
بيان سلام شكر	MSc	Asst. Lecturer	
بيريقان عجيل ابراهيم	MSc	Asst. Lecturer	
روا نوري عواد	MSc	Asst. Lecturer	
روژين شكري كرم	MSc	Asst. Lecturer	
شنه عصمت محمد	MSc	Asst. Lecturer	
فارس حسين حسن	MSc	Asst. Lecturer	
مارى حسدو هيدو	MSc	Asst. Lecturer	
نيروز ازاد جلبى	MSc	Asst. Lecturer	
هاريووان اكرم اسلام	MSc	Asst. Lecturer	
هيزا عبدالله على	MSc	Asst. Lecturer	
ريبر على عبدالله	MSc	Asst. Lecturer	

