

# LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

Form Name : PharmD Program Catalogue

Revision No. :01

Form No. : QAO-OP.01

Page :1 / 7

Libyan International Medical University  
Faculty of Pharmacy

Program Catalogue  
PharmD Program

## A. Basic Information

**Program title:** PharmD

**Program type:** Professional

**Number of Departments:** Two; Pharmaceutical Sciences & Pharmacy Practice Departments.

**Award / degree:** Bachelor of PharmD (BPharmD).

**Program Coordinator:** Dr. Iman Almahdi

**Program Supervisor:** Dr. Salma Bukhatwa

**External evaluators:** Prof. Mohamed Mustafa and Dr. Mohamed Baraka

**Date of program specifications approval:** 2023

## B. Professional information

### 1- Program aims

The aim of the program is to provide and develop innovative leaders in pharmacy practice. The multidisciplinary innovative program should help students to integrate foundational, clinical and behavioral sciences and apply it to solution of real professional patient-care problems in the field of pharmaceutical care.

The curriculum is characterized by active learning, critical thinking, integration, problem solving, innovation and creativity within an open and safe professional learning environment.

**The program aims to produce competent graduates who are scientifically and technically able to:**

1. Provide maximum health care services to patients and community in general.
2. Design, implement, monitor, evaluate and adjust patient-care plans.
3. Demonstrate comprehensive knowledge, clear understanding and outstanding skills in Pharmaceutical Sciences.
4. Attain multi-disciplinary professional skills required for pursuing their careers.
5. Be critical thinkers, problem solvers, decision and policy makers.
6. Be a self- & life-long learners.
7. Communicate effectively with patients and caregivers.
8. Function as key members with interprofessional teams working to optimize patient health outcomes.
9. Identify, resolve and prevent drug-related problems using evidence-based approach.
10. Implement and maintain a reporting system of pharmacovigilance.
11. Demonstrate ethical behaviors and adhere to professional rules and legal requirements.
12. Provide drug information, education and evidence-based pharmacotherapy services.
13. Practice in different research fields.
14. Provide patient-centered care as the medication expert.

# LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

Form Name : PharmD Program Catalogue

Revision No. :01

Form No. : QAO-OP.01

Page :2 / 7

Libyan International Medical University  
Faculty of Pharmacy

Program Catalogue  
PharmD Program

## 2- Academic standards

References for standards (Benchmarks)

CCAPP and ACPE

## 3- Program structure and contents

Program Duration	5 Academic years + 6 months
Total ECTS Hours	316 ECTS
No. of Courses	43
Total No. of Contact hours/week: 50 – 60	

## 4- Program courses and clerkships

### First year

Duration: 28 weeks

Course code No.	Course title	ECTS
3101	Block I: Drug Delivery	20
3102	Block II: General Dispensing	16
3103	Block III: General Basic Medical Sciences	12
3104	Block IV: Biomedical Sciences	8
3105	English Language I	2
3107	Elementary Calculus	1
3109	Clinical Skills Lab	1
<b>Total</b>		<b>60</b>

### Second year

Duration: 24 weeks

Course code No.	Course title	ECTS
3201	Block V: Immunology	12
3202	Block VI: Pharmacogenomics	12
3203	Block VII: Drug Discovery	14
3204	Block VIII: Drug Formulation	10
3206	Literature Evaluation	1
3207	English Language II	2
3208	Communication Skills	1
3209	Research Ethics	1
3210	Critical Thinking I	1
3211	Arabic Language	1
<b>Total</b>		<b>55</b>

# LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

Form Name : PharmD Program Catalogue

Revision No. :01

Form No. : QAO-OP.01

Page :3 / 7

Libyan International Medical University  
Faculty of Pharmacy

Program Catalogue  
PharmD Program

## Third year

Duration: 28 Weeks

Course code No.	Course title	ECTS
3301	Block IX: Infectious Disorders	14
3302	Block X: Oncology Disorders	8
3303	Block XI: Cardiovascular & Pulmonary Disorders	12
3304	Block XII: Gastrointestinal & Liver Disorders	8
3305	Block XIII: Renal Disorders	6
3306	Block XIV: Endocrine & Reproductive Disorders	8
3307	Fundamentals of Epidemiology and Research	1
3309	English Language III	1
<b>Total</b>		<b>58</b>

## Fourth year

Duration: 28 Weeks

Course code No.	Course title	ECTS
3401	Block XV: Neurological & Psychological Disorders	18
3402	Block XVI: Eye & Skin Disorders	8
3403	Block XVII: Musculoskeletal Disorders	6
3404	Block XVIII: Life Stages	8
3405	Block XIX: Hospital Pharmacy	16
3406	Evidence Based Practice	1
3407	Psychology	1
3408	Biostatistics	1
3506	Academic Writing	1
<b>Total</b>		<b>60</b>

# LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

<b>Form Name</b> : PharmD Program Catalogue	<b>Revision No.</b> :01
<b>Form No.</b> : QAO-OP.01	<b>Page</b> :4 / 7

**Libyan International Medical University**  
**Faculty of Pharmacy**

**Program Catalogue**  
**PharmD Program**

## Fifth year

Duration: 51 Weeks

Course code No.	Course title	ECTS
3501	Block XX: Professional Development	20
3502	*Elective course I	1
3503	*Elective course II	1
3509	*Elective course III	1
3510	*Elective course IV	1
3504	Protecting Human Research Participants (PHRP) course	1
3505	Capstone Research Project	10
3507	Advanced Pharmacy Practice Experience (APPE)	48
3508	Comprehensive Exam	0
<b>Total</b>		<b>83</b>

\* **Elective I courses are:** Ambulatory Care pharmacy, Community Pharmacy Management & Administration, Family-Health Medicine, Pharmacy Industry.

\* **Elective II courses are:** Hospital Management & Administration, Nuclear Pharmacy, Pharmacist & Critical Care.

\* **Elective III courses are:** Project Management, Operational Management and Strategic Management.

\* **Elective IV courses are:** Emotional and Behavior Disorders, Health Psychology.

## **5. Program admission requirements:**

- The applicant must have a high (secondary) school diploma or an equivalent that is recognized, certified and approved by the relevant authority.
- The student should be able to continue studying in the field of pharmacy, supported by the necessary skills.
- The applicant must have achieved the required percentage for admission to the Faculty.
- If the applicant is non-Libyan, it is required that the procedures for his residence in Libya, during the period of his study, be valid and in compliance with the relevant systems, laws and regulations, with the exception of this condition when applying distance learning in its full form.
- The student must pay the fees and expenses of his studies in accordance with the regulations and rules of the University.
- The number of students admitted to study should be proportional to the capacity and the capabilities of the Faculty.
- If the applicant meets all the previous conditions, he/she will undergo a personal interview where the outcome will determine whether he/she will be accepted or rejected. Additionally, the Faculty may, conduct entrance examinations for the applicants.
- The student and his/her guardian will then submit a declaration stating that they have comprehensively and fully understood the Faculty of Pharmacy regulations as well as the tuition fees regulations decreed at the university and pledge their commitment to the provisions contained.
- The student's guardian will then sign the contractual form with the University in all matters relating to the student's study at the University. The University Registrar is authorized to represent the Faculty and thus sign the contract with the applicant's guardian.

# LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

<b>Form Name</b> : PharmD Program Catalogue	<b>Revision No.</b> :01
<b>Form No.</b> : QAO-OP.01	<b>Page</b> :5 / 7

Libyan International Medical University  
Faculty of Pharmacy

Program Catalogue  
PharmD Program

## 6. Regulation for progression and program completion

### 6.1 Regulation for progression

	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year	5 <sup>th</sup> year
<b>Duration</b>	28 weeks	24 weeks	28 weeks	28 weeks	51 weeks
<b>Continuous assessment</b>	60 %	60 %	70 %	70 %	70 %
<b>Final assessment</b>	40 %	40 %	30 %	30 %	30 %
<b>Criteria to progress to the next year</b>	<ul style="list-style-type: none"> <li>• Pass all the educational modules</li> </ul>	<ul style="list-style-type: none"> <li>• Pass all the educational modules</li> <li>• Pass the clinical skills lab.</li> <li>• Pass all the supportive courses.</li> </ul>	<ul style="list-style-type: none"> <li>• Pass all the educational modules</li> <li>• Pass the clinical skills lab.</li> </ul>	<ul style="list-style-type: none"> <li>• Pass all the educational modules</li> <li>• Pass the clinical skills lab.</li> <li>• Pass all the supportive courses.</li> <li>• Submit the capstone project (for Bachelor of Pharmacy Degree).</li> <li>• Fulfill all IPPE training hours.</li> </ul>	<ul style="list-style-type: none"> <li>• Pass all the educational modules</li> <li>• Pass the clinical skills lab.</li> <li>• Pass all the supportive courses.</li> <li>• 4 Elective courses.</li> <li>• PHRP course.</li> <li>• Submit the capstone project (for PharmD Degree).</li> <li>• Complete APPE.</li> </ul>

### 6.2 Regulation for program completion

#### 6.2.1 Bachelor of Pharmacy Degree Graduation Requirements (EXIT POINT)

To graduate with a Bachelor of Pharmacy Degree, a student should successfully complete:

- All learning modules and courses in foundational stage and professional stage I
- Capstone project (Completed and submitted in its final form)
- Introductory Pharmacy Practice Experience (IPPE) (400hrs)
- Community Outreach (40hrs): It is a general requirement for the university and is regulated by its own bylaw.

#### 6.2.2 PharmD Degree Graduation Requirements

To graduate with a PharmD Degree, a student should successfully complete:

- All requirements listed in section (6.2.1)
- All learning modules and courses in Professional Stage II
- Successfully Complete 1200 hrs of Advanced Pharmacy Practice Experience (APPE)

# LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

Form Name : PharmD Program Catalogue	Revision No. :01
Form No. : QAO-OP.01	Page :6 / 7

Libyan International Medical University  
Faculty of Pharmacy

Program Catalogue  
PharmD Program

## 6.2.3 Grading System

Level	Symbol	Points	Blocks %	Supportive Courses %	Clinical Skills Courses %
Outstanding	A+	3.60 Up to 4.00	90 Up to 100	90 Up to 100	75 Up to 100 3.00 Up to <4.00 (pass)
Excellent	A	3.40 Up to <3.60	85 Up to <90	85 Up to <90	
Upper Very Good	B+	3.20 Up to <3.40	80 Up to <85	80 Up to <85	
Very Good	B	3.00 Up to <3.20	75 Up to <80	75 Up to <80	
Upper Good	C+	2.80 Up to <3.00	70 Up to <75	70 Up to <75	
Good	C	2.60 Up to <2.80	65 Up to <70	65 Up to <70	
Upper Acceptable	D+	-	63 Up to <65 2.52 Up to <2.60	60 Up to <65 2.40 Up to <2.60	
Acceptable	D	-	60 Up to <63 2.40 Up to <2.52	50 Up to <60 2.00 Up to <2.40	
Fail	F	-	35 Up to <60 1.40 Up to <2.4	35 Up to < 50 1.40 Up to <2.00	35 Up to < 75 1.40 Up to <3.00
Ungraded	U	-	0 Up to <35 0.00 Up to <1.4	0 Up to <35 0.00 Up to <1.4	0 Up to <35 0.00 Up to <1.4

## 7- Evaluation of program intended learning outcomes (ILOs):

Evaluators	Tool	Sample size
1- Senior students	Questionnaires, Interviews	≥ 50% Students
2- Alumni	Questionnaires, Interviews Telephone communications	≥ 50% Students
3- Stakeholders	Questionnaires, Interviews Telephone communications	≥ 50% students ≥ 50% Faculty Staff Experts from Ministry of Health Pharmacists from hospitals Pharmacists from community Pharmacists from drug companies Student's Parents Alumni Other Universities
4- External Evaluator(s) [External Examiner(s)]	Questionnaires, Interviews Telephone communications Electronic mails	At least 3
5- Other	-	-

## LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

<b>Form Name</b> : Program Catalogue	<b>Revision No.</b> :01
<b>Form No.</b> : QAO-OP.01	<b>Page</b> :7 / 7

We certify that all of the information required to deliver this program is contained in the above specification will be implemented. All course specifications for this program are in place.

**Executive Director of Quality Assurance Unit: Ms. Samah Etaib**

Signature

**Program Editor: Dr. Elzahra Buzariba**

Signature

**Program Coordinator: Dr. Iman Almahdi**

Signature

**Dean: Dr. Salma A. Bukhatwa**

Signature