



Faculty of Pharmacy – Nahda

University

Students' Guide

2025 -2026

Bachelor of Pharmacy –

(PharmD) Program

Our dear sons and daughters, students of Nahda University,

Our sincere congratulations on the advent of the new academic year, hoping that God, the Almighty, will make it a happy year in which all hopes and wishes come true.

In the belief of the Faculty administration that you are the hope and future of Egypt; we invite you to exert all energies to acquire knowledge and participate in all Faculty activities.

We are pleased to present to you this guide booklet to be a guide for you, and so that you are aware of the Faculty to which you belong.

May God grant you success and guide your steps,

Nahda University was ambitiously established with high hopes in east of Beni Suef.

(Many did not imagine that we would create the first pillar in the integrated city of New - Beni Suef). We put Beni Suef on the map of growth and progress by renovating the city, creating employment opportunities, and changing the face of life.



الهيئة القومية لضمان جودة التعليم والاعتماد



شهادة اعتماد

تشهد الهيئة القومية لضمان جودة التعليم والاعتماد أن:

كلية الصيدلة - جامعة النهضة

قد استوفت معايير الاعتماد المؤسسي، وقد تم اعتمادها بقرار مجلس إدارة الهيئة

رقم ٢٥٦ بتاريخ ٢٥ سبتمبر ٢٠٢٤



رئيس مجلس إدارة الهيئة

علاء كمال الدين عشاوي

تنتهي صلاحية هذه الشهادة في

٢٤ سبتمبر ٢٠٢٩



تسري صلاحية هذه الشهادة لمدة خمس سنوات، وتخضع المؤسسة طوال هذه الفترة للمتابعة والمراجعة طبقاً لنص المادة ٨.٩ من اللائحة التنفيذية لقانون إنشاء الهيئة.

Dean's Word

We welcome our students at Faculty of Pharmacy – Nahda University. We want to emphasize that since the first day of your enrollment in the Faculty, you have become our responsibility, and you belong to an educational institution that strives for continuous improvement in the quality of educational, sports, educational and community activities, so that you become qualified, distinguished graduates capable of competing in the job market among pharmacy faculties graduates.

Faculty of Pharmacy – Nahda University, the first accredited private pharmacy Faculty in Upper Egypt, works to achieve its vision, mission, and goals, which are derived from the university. It is constantly updated and developed to keep going with the labor market.

The Faculty aims to create a fertile educational environment that fosters innovation, creativity, and teamwork while emphasizing values, ethics, and scientific integrity. It encourages self-learning and lifelong education for its students and graduates, enabling them to perform their professional duties with high efficiency in various pharmaceutical fields, whether in healthcare or pharmaceutical industry.

For a student to become an outstanding pharmacist, they must focus on their studies and be actively engaged alongside benefiting from the university stage before embarking on their scientific career.

I ask Allah, the Almighty, to grant you success and prosperity in your studies and after graduation.

May Allah bless our country with security, safety, prosperity, and development.

Dean of Faculty - NUB

Prof. Dr. Mona Hafez Hetta

About Faculty of Pharmacy – NUB

Faculty of Pharmacy was established in the 2007/2008 academic year pursuant to Ministerial Decree No. 1823 of 2007, authorizing the granting of a Bachelor's degree in Pharmaceutical Sciences; the duration of study spans five years and operates on a credit-hour system, Faculty of Pharmacy is an accredited Faculty on 7/15/2019 by the National Authority for Quality Assurance and Accreditation of Education and renewed accreditation on 9/25/2024. It is considered the first accredited private Faculty of pharmacy in Upper Egypt. It is worth noting that choosing the location of the Faculty and the university in Beni Suef Governorate and choosing the name of the university, which is Nahda University, confirmed that this name was appropriate, as the establishment of Nahda University in this place had a great impact on the prosperity and renaissance of the area surrounding the university and the very clear change between what the area was like before and what it has become now.

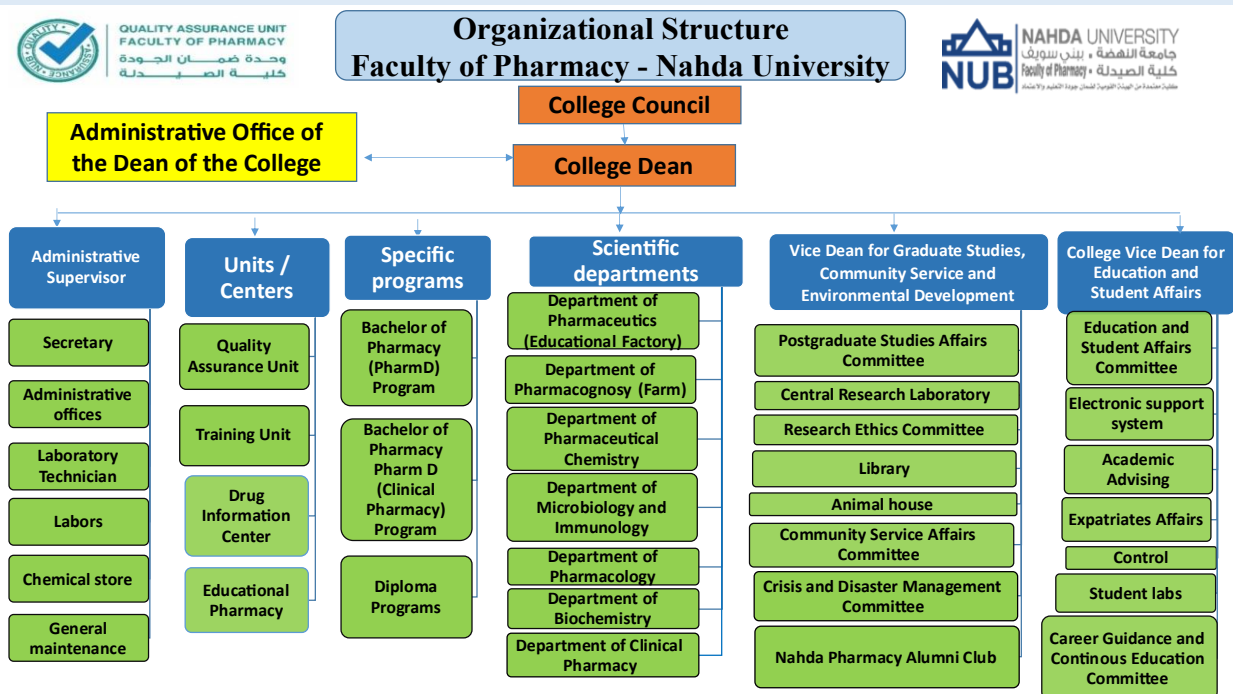
Vision of Faculty of Pharmacy – NUB

Faculty of Pharmacy – Nahda University looks to achieve a system of scientific, research and community excellence, raise awareness of the pharmacist's role in community services, and achieve leadership as well as the ability to compete locally, regionally and globally.

Mission of Faculty of Pharmacy – NUB

Faculty of Pharmacy – Nahda University commits to prepare a generation of scientifically and practically qualified pharmacists as a member of the medical team, adhering to the values, noble morals and ethics of the profession, meeting the requirements of society and modern challenges to the advancement and development of scientific research system as well as raising the international ranking of the Faculty.

Organization Structure of Faculty of Pharmacy – NUB:



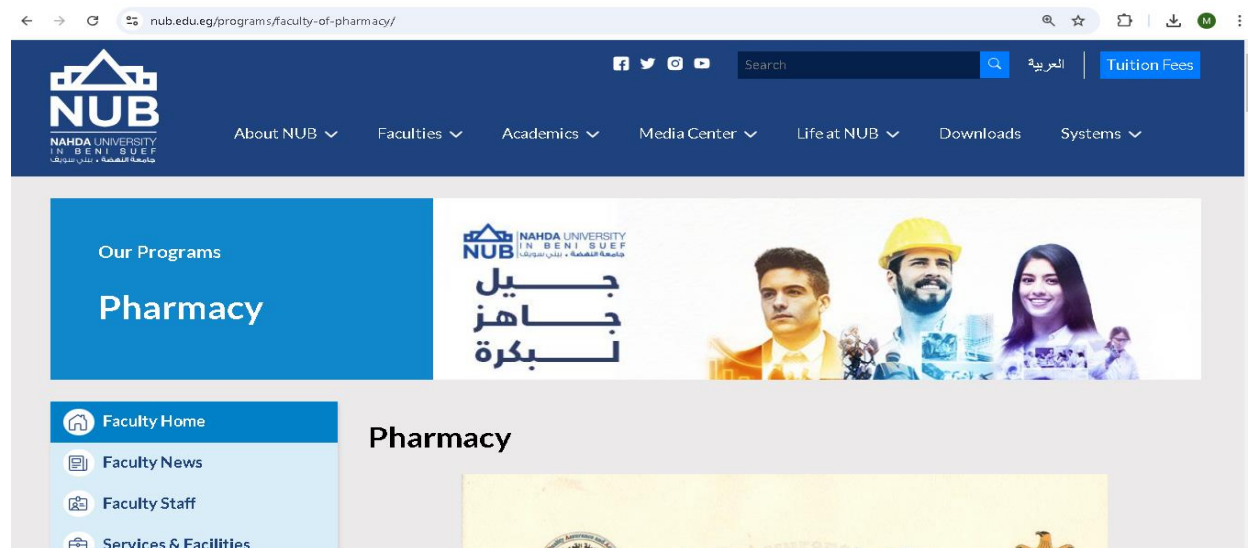
Departments of Faculty of Pharmacy – NUB:

The Faculty of Pharmacy Nahda University consists of the following scientific departments:

- Pharmaceutics
- Biochemistry
- Pharmacognosy
- Pharmacology and Toxicology
- Pharmaceutical Chemistry
- Microbiology and Immunology
- Clinical Pharmacy

Faculty Website and Facebook Page:

Website: <https://www.nub.edu.eg/programs/Faculty-of-pharmacy/>



Facebook: https://www.facebook.com/FOP.NUB?locale=ar_AR



Degrees

The Faculty grants students a bachelor's degree in pharmacy in the following programs:

First the Bachelor's degree stage:

Bachelor of Pharmacy (PharmD)

Bachelor of Pharmacy (PharmD) (Clinical Pharmacy)

Second the postgraduate stage:

- **Diploma in Clinical Nutrition**
- **Diploma in Cosmetic**

Credit Hours

179 hours, Bachelor of Pharmacy (PharmD).

Language of study

1. Study at the Faculty is in English.
2. Some courses may be taught in Arabic by the decision of the Faculty council and the university council.



Bachelor of Pharmacy – (PharmD) Program

Vision, Mission and Objectives of the Bachelor of Pharmacy Program (Pharm D)

Program Vision

Leadership in preparing scientifically and professionally distinguished pharmacists capable of creativity and innovation in the healthcare system, pharmaceutical industries, and scientific research, supporting sustainable development and community service, and achieving a prestigious regional and global standing.

Program Mission

The Bachelor of Pharmacy (PharmD) Program at the Faculty of Pharmacy – Al-Nahda University is committed to providing a comprehensive educational environment that contributes to graduating professionals who embody professional ethics and are qualified to apply information technology programs in therapeutic healthcare, develop pharmaceutical industries, and conduct scientific research to serve community needs and labor market requirements.

Program Objectives

1. Professional ethics, integrity, and responsibility in pharmaceutical practice.
2. Development of the ability to understand drug effects, monitor drug interactions and side effects, and provide pharmaceutical counseling to patients.
3. Provision of fundamental and advanced knowledge in pharmaceutical and medical sciences to students.
4. Enhancement of precision in drug dispensing using artificial intelligence tools while adhering to professional ethics and safety standards.
5. **Developing the knowledge and skills required for the development, design, manufacturing, and evaluation of pharmaceutical products, while applying quality principles and Good Manufacturing Practices (GMP).**
6. Establishment of simulation-based practical education and hands-on training in pharmacies and factories to enhance the practical and professional competence of students and graduates.
7. Support for self-directed learning and promotion of professional development to keep pace with therapeutic advancements.
8. Preparation of graduates capable of participating in pharmaceutical manufacturing, quality control, and applying local and global standards in the pharmaceutical industry.

9. Development of leadership, management, and entrepreneurship skills among students to meet the requirements of the local and regional labor market.
10. Provision of scientific research skills to students through practical training in research and industrial institutions and encouragement of critical thinking and innovation.
11. Utilization of information technology and artificial intelligence tools to support decision-making and develop professional performance in the field of pharmacy.

Study System

1. The Faculty works via credit-hour system.
2. The curriculum shows the courses offered, their distribution across different academic levels, and the number of credit hours allocated to each course.
3. The study plan provides a model for the distribution of courses across semesters and academic levels, from first to fifth level. A brief, guiding description of each course's content is also included in the program regulation
4. The standard study period is six years (5+1), consisting of five years divided into 10 semesters, and one year of Obligatory Training (Internship year) to obtain a Bachelor of Pharmacy (Pharm D) degree, according to the credit-hour system and in accordance with the decisions of the Supreme Council of Universities and the Council of Private and National Universities.
5. The academic year consists of fall semester and spring semester.
6. Summer semesters are available and are optional for both students and the Faculty
7. Both fall and spring semesters are 15 weeks long, including examinations.
8. The summer semester consists of six to eight weeks of intensive study, including examinations.

9. Students enrolled in the Faculty are classified into academic levels (Level 1, Level 2, Level 3, Level 4, Level 5) based on the total number of credit hours successfully completed. This is as follows:

Approximate number of credit hours completed by the student		Level
Freshman	Up to 34 credit hours	Level 1
Sophomore	More than 34 credit hours up to 70	Level 2
Junior	More than 70 credit hours, up to 106	Level ٣
Senior	More than 106 credit hours to 142	Level ٤
Senior	More than 142 credit hours, up to 179	Level ٥

Duration of Study

The Study period is five years and one-year obligatory training (Internship)

Curriculum Design

-The curriculum is designed so that learning is through theoretical lectures, discussion panels, practical lessons, workshops, field training, conducting research and giving presentations, in addition to cooperation with the community surrounding the university.

-The general structure of the Bachelor of Pharmacy (PharmD) program consists of groups of courses, each with a specific number of credit hours, to be completed in 5 years, in addition to an initial field training of 100 hours after the third level and an Obligatory Training (Internship year) as follows:

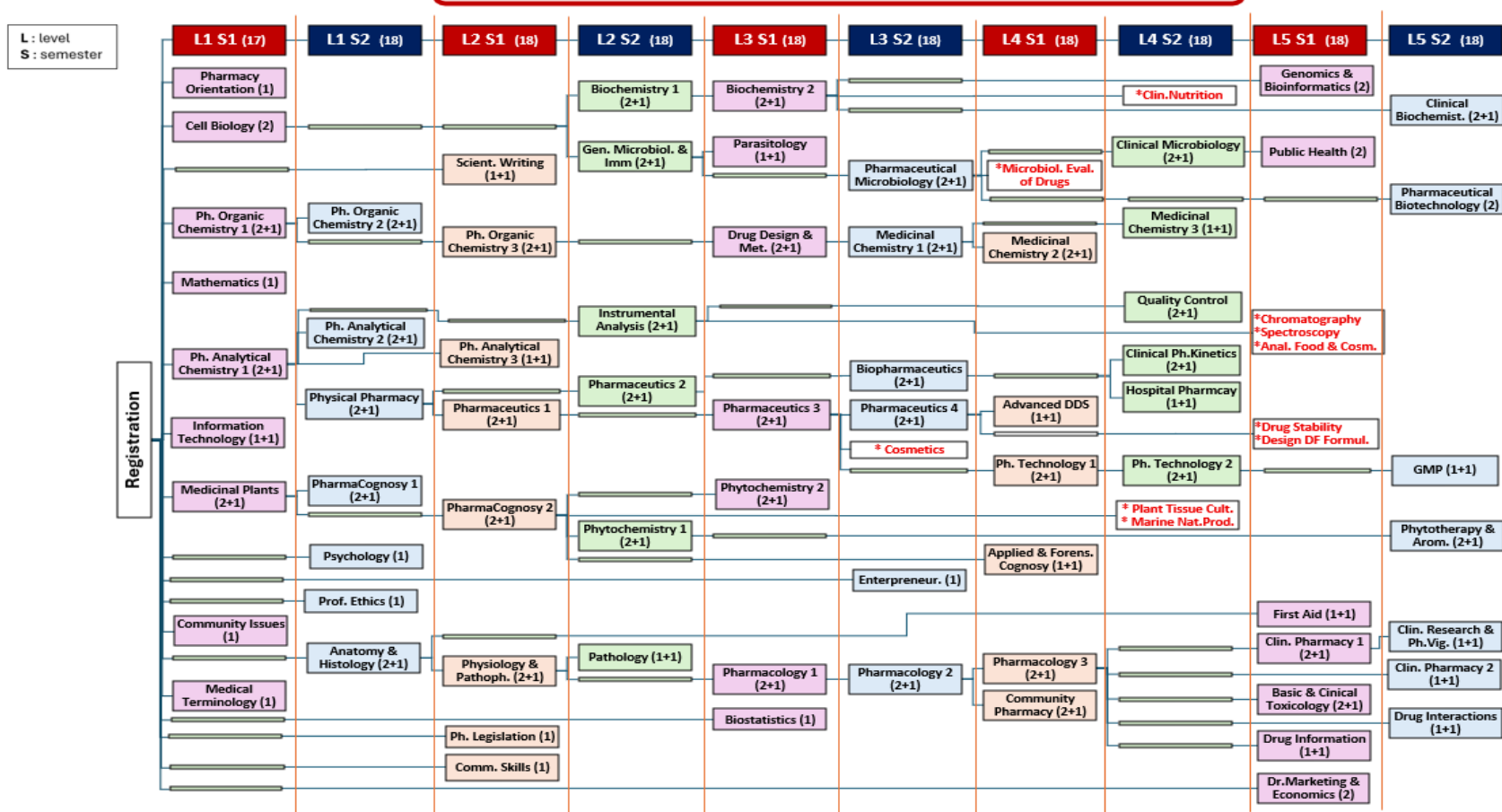
Item	Courses		Number of credit hours
First	Compulsory Courses	University Requirements	٥

		(5 credit hours)	
Second	Compulsory Courses	Faculty Requirements (174 credit hours)	166
	Elective Courses		Λ
	Total credit hours		179

The student's elective courses in the last two levels achieve competencies and skills that help the student in career orientation and specialization.

Program Map

Courses Map (Bachelor of Pharmacy, PharmD-2024)



Total Hours = 179 hr. >> Regular = 18 Hr/term (GPA > 3.5 = 21 hr.)		
166 hr Compulsory (68 courses)	8 hr Elective (4 courses in L4 & L5) * Elective (1+1)	5 hr Univ.Req. (3 levels English+ 3 levels Computer + Community issues)

A+	A	A-	B+	B	B-	C+	C	C-	D+	D	F
4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	0
L1 ≤ 35 Hours		35 < L2 ≤ 71		71 < L3 ≤ 107		107 < L4 ≤ 143		143 < L5 ≤ 179			



• **Study plan:**

The following tables are indicative tables that show the distribution of courses across the five levels and semesters, and show the number of theoretical and practical credit hours, the prerequisite for each course, the different evaluation grades, the maximum grade for each course, and the time for the final written exam for the course.

Level: One

Semester: First

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	code	Examination Marks**					Exam. Hrs.
			L	Pract /Tut			SW	Pract/Tut	Oral	Final	Total	
PAC-1101	Pharmaceutical Analytical Chemistry (1)	3	2	1	Registration	-----	15	25	10	50	100	2
POC-1101	Pharmaceutical Organic Chemistry (1)	3	2	1	Registration	-----	15	25	10	50	100	2
PHG-1101	Medicinal Plants	3	2	1	Registration	-----	15	25	10	50	100	2
PBC-1101	Cell Biology	2	2	-	Registration	-----	25	-	-	75	100	2
PHT-1101	Pharmacy Orientation	1	1	-	Registration	-----	25	-	-	75	100	1
NPC-1101	Information Technology	2	1	1	Registration	-----	15	25	-	60	100	1
PHL-1101	Medical Terminology	1	1	-	Registration	-----	25	-	-	75	100	1
NPC-1102	Mathematics	1	1	-	Registration	-----	25	-	-	75	100	1
UR-1101	Community issues	1	1	-	Registration	-----	25	-	-	75	100	1
ENG111***	English Language 1	-	-	-	Registration	-----	-	-	-	-	-	-
CS – 121****	Computer skills L1	-	-	-	Registration	-----	-	-	-	-	-	-
	11	17	13	4								

*L = Lecture; Pract/Tut = Practical/tutorial. ** SW= Semester work

***المادة ممتدة على فصلين دراسيين وتحسب من الساعات المعتمدة في الترم الثاني
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Level: One

Semester: Second

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	code	Examination Marks**					Exam. Hrs.
			L	Pract/Tut			S W	Pract/Tut	Oral	Final	Total	
PAC-1202	Pharmaceutical Analytical Chemistry (2)	3	2	1	Pharmaceutical Analytical Chemistry (1)	PAC-1101	15	25	10	50	100	2
POC-1202	Pharmaceutical Organic Chemistry (2)	3	2	1	Pharmaceutical Organic Chemistry (1)	POC-1101	15	25	10	50	100	2
PHT-1202	Physical Pharmacy	3	2	1	Pharmaceutical Analytical Chemistry (1)	PAC-1101	15	25	10	50	100	2
PHG-1202	Pharmacognosy (1)	3	2	1	Medicinal Plants	PHG-1101	15	25	10	50	100	2
PHL-1202	Anatomy & Histology	3	2	1	Registration	-----	15	25	-	60	100	2
PHP-1201	Professional Ethics	1	1	-	Registration	-----	25	-	-	75	100	1
NPC-1203	Psychology	1	1	-	Registration	-----	25	-	-	75	100	1
ENG111	English Language 1	1	1	-	-----	-----	300	-	-	200	500	
CS - 121	Computer Skills L1	-	-	-	-----	-----	-	-	-	100	100	
	9	18	13	5								

*L = Lecture; Pract/Tut = Practical/tutorial.

** SW= Semester work



Level: Two

Semester: First

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	code	Examination Marks**					Exam. Hrs.
			L	Pract/Tut			SW	Pract/Tut	Oral	Final	Total	
PAC-2103	Pharmaceutical Analytical Chemistry (3)	2	1	1	Pharmaceutical Analytical Chemistry (1)	PAC-1101	15	25	10	50	100	1
POC-2103	Pharmaceutical Organic Chemistry (3)	3	2	1	Pharmaceutical Organic Chemistry (1)	POC-1101	15	25	10	50	100	2
PHT-2103	Pharmaceutics (1)	3	2	1	Physical Pharmacy	PHT-1202	15	25	10	50	100	2
PHG-2103	Pharmacognosy (2)	3	2	1	Medicinal Plants	PHG-1101	15	25	10	50	100	2
PHL-2103	Physiology & Pathophysiology	3	2	1	Anatomy & Histology	PHL-1202	15	25	-	60	100	2
PHP-2102	Pharmaceutical Legislation	1	1	-	Registration	-----	25	-	-	75	100	1
NPC-2104	Scientific Writing	2	1	1	Registration	-----	15	25	-	60	100	1
NPC-2105	Communication Skills	1	1	-	Registration	-----	25	-	-	75	100	1
ENG112	English Language 2***	-	-	-	English Language 1	ENG 111	-	-	-	-	-	
CS - 122	Computer Skills L2****	-	-	-	Computer Skills L1	CS - 121	-	-	-	-	-	
	10	18	12	6								

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Level: Two

Semester: Second

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	code	Examination Marks**					Exam. Hrs
			L	Pract/Tut			SW	Pract/Tut	Oral	Final	Total	
PHT-2204	Pharmaceutics (2)	3	2	1	Physical Pharmacy	PHT-1202	15	25	10	50	100	2
PAC-2204	Instrumental Analysis	3	2	1	Pharmaceutical Analytical Chemistry (1)	PAC-1101	15	25	10	50	100	2
PBC-2202	Biochemistry (1)	3	2	1	Cell Biology	PBC-1101	15	25	10	50	100	2
PHG-2204	Phytochemistry (1)	3	2	1	Pharmacognosy (2)	PHG-2103	15	25	10	50	100	2
PMB-2201	General Microbiology & Immunology	3	2	1	Cell Biology	PBC-1101	15	25	10	50	100	2
PHL-2204	Pathology	2	1	1	Physiology & Pathophysiology	PHL-2103	15	25	-	60	100	1
ENG112	English Language 2	1	1	-	English Language 1	ENG111	300	-	-	200	500	
CS - 122	Computer Skills L2	-	-	-	Computer Skills L1	CS - 121	-	-	-	100	100	
	8	18	12	6								

*L = Lecture; Pract/Tut = Practical/tutorial.

** SW= Semester work



Level: Three

Semester: First

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	code	Examination Marks**					Exam. Hrs
			L	Pract/Tut			SW	Pract/Tut	Oral	Final	Total	
PMC-3101	Drug Design and Metabolism	3	2	1	Pharmaceutical Organic Chemistry (3)	POC-2103	15	25	10	50	100	2
PHT-3105	Pharmaceutics (3)	3	2	1	Pharmaceutics (1)	PHT-2103	15	25	10	50	100	2
PHL-3105	Pharmacology (1)	3	2	1	Physiology & Pathophysiology	PHL-2103	15	25	10	50	100	2
PBC-3103	Biochemistry (2)	3	2	1	Biochemistry (1)	PBC-2202	15	25	10	50	100	2
PHG-3105	Phytochemistry (2)	3	2	1	Pharmacognosy (2)	PHG-2103	15	25	10	50	100	2
PMB-3102	Parasitology	2	1	1	General Microbiology & Immunology	PMB-2201	15	25	-	60	100	1
PHL-3106	Biostatistics	1	1	-	Registration	-----	25	-	-	75	100	1
ENG113	English Language 3***	-	-	-	English Language 2	ENG112	-	-	-	-	-	
CS-123	Computer Skills L3****	-	-	-	Computer Skills L2	CS-122	-	-	-	-	-	
	9	18	12	6								

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Level: Three

Semester: Second

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	Code	Examination Marks**					Exam. Hrs
			L	Pract/Tut			SW	Pract/Tut	Oral	Final	Total	
PHT-3206	Biopharmaceutics & Pharmacokinetics	3	2	1	Pharmaceutics (2)	PHT-2204	15	25	10	50	100	2
PHL-3207	Pharmacology (2)	3	2	1	Pharmacology (1)	PHL-3105	15	25	10	50	100	2
PMC-3202	Medicinal Chemistry (1)	3	2	1	Drug Design and Metabolism	PMC-3101	15	25	10	50	100	2
PMB-3203	Pharmaceutical Microbiology	3	2	1	General Microbiology & Immunology	PMB-2201	15	25	10	50	100	2
PHT-3207	Pharmaceutics (4)	3	2	1	Pharmaceutics (3)	PHT-3105	15	25	10	50	100	2
PHP-3203	Entrepreneurship	1	1	-	Registration	-----	25	-	-	75	100	1
ENG113	English Language 3	2	2	-	English Language 2	ENG112	300	-	-	200	500	
CS-123	Computer Skills L3	-	-	-	Computer Skills L2	CS-122	-	-	-	100	100	
	8	18	13	5								

*L = Lecture; Pract/Tut = Practical/tutorial. ** SW= Semester work

Level: Four

Semester: First

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	code	Examination Marks**					Exam. Hrs
			L	Pract/Tut			SW	Pract/Tut	Oral	Final	Total	
PHP-4104	Community Pharmacy	3	2	1	Pharmacology (2)	PHL-3207	15	25	10	50	100	2
PHL-4108	Pharmacology (3)	3	2	1	Pharmacology (2)	PHL-3207	15	25	10	50	100	2
PMC-4103	Medicinal Chemistry (2)	3	2	1	Medicinal Chemistry (1)	PMC-3202	15	25	10	50	100	2
PHT-4108	Pharmaceutical Technology (1)	3	2	1	Pharmaceutics (3)	PHT-3105	15	25	10	50	100	2
PHG-4106	Applied & Forensic Pharmacognosy	2	1	1	Pharmacognosy (2)	PHG-2103	15	25	10	50	100	1
PHT-4109	Advanced Drug Delivery System	2	1	1	Pharmaceutics (4)	PHT-3207	15	25	10	50	100	1
	Faculty Elective	2	1	1	Specialty		15	25	-	60	100	1
	7	18	11	7								

*L = Lecture; Pract/Tut = Practical/tutorial.

** SW= Semester work

Level: Four

Semester: Second

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	Code	Examination Marks**					Exam. Hrs
			L	Pract/Tut			SW	Pract/Tut	Oral	Final	Total	
PHT-4210	Clinical Pharmacokinetics	3	2	1	Biopharmaceutics & Pharmacokinetics	PHT-3206	15	25	10	50	100	2
PAC-4205	Quality Control of Pharmaceuticals	3	2	1	Instrumental Analysis	PAC-2204	15	25	10	50	100	2
PHT-4211	Pharmaceutical Technology (2)	3	2	1	Pharmaceutical Technology (1)	PHT-4108	15	25	10	50	100	2
PMB-4204	Clinical Microbiology	3	2	1	Pharmaceutical Microbiology	PMB-3203	15	25	10	50	100	2
PHP-4205	Hospital Pharmacy	2	1	1	Biopharmaceutics & Pharmacokinetics	PHT-3206	15	25	10	50	100	1
PMC-4204	Medicinal Chemistry (3)	2	1	1	Medicinal Chemistry (1)	PMC-3202	15	25	10	50	100	1
	Faculty Elective	2	1	1	Specialty		15	25	-	60	100	1
	7	18	10	8								

*L = Lecture; Pract/Tut = Practical/tutorial.

** SW= Semester work

Level: Fifth

Semester: First

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	code	Examination Marks**					Exam. Hrs
			L	Pract/Tut			S W	Pract/Tut	Oral	Final	Total	
PHP-5106	Clinical Pharmacy (1)	3	2	1	Pharmacology (3)	PHL-4108	15	25	10	50	100	2
PHL-5109	First Aid	2	1	1	Anatomy & Histology	PHL-1202	15	25	-	60	100	1
PHL-5110	Basic & Clinical Toxicology	3	2	1	Pharmacology (3)	PHL-4108	15	25	10	50	100	2
PHP-5107	Drug Marketing & Pharmacoeconomics	2	2	-	Registration	----- -	25	-	-	75	100	2
PBC-5104	Genomics and Bioinformatics	2	2	-	Biochemistry 2	PBC-3103	25	-	-	75	100	2
PHP-5108	Drug Information	2	1	1	Pharmacology (3)	PHL-4108	15	25	-	60	100	1
PMB-5105	Public Health	2	2	-	Clinical Microbiology	PMB-4204	25	-	-	75	100	2
	Faculty Elective	2	1	1	Specialty		15	25	-	60	100	1
	8	18	13	5								

*L = Lecture; Pract/Tut = Practical/tutorial.

** SW= Semester work

Level: Fifth

Semester: Second

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	code	Examination Marks**					Exam. Hrs
			L	Pract/Tut			S W	Pract/Tut	Oral	Final	Total	
PBC-5205	Clinical Biochemistry	3	2	1	Biochemistry (2)	PBC-3103	15	25	10	50	100	2
PHG-5207	Phytotherapy & Aromatherapy	3	2	1	Phyto Chemistry (1)	PHG-2204	15	25	10	50	100	2
PHL-5211	Drug Interactions	2	1	1	Pharmacology (3)	PHL-4108	15	25	10	50	100	1
PHP-5209	Clinical Pharmacy (2)	2	1	1	Pharmacology (3)	PHL-4108	15	25	10	50	100	1
PMB-5206	Pharmaceutical Biotechnology	2	2	-	Pharmaceutica l Microbiology	PMB-3203	15	-	10	75	100	2
PHP-5210	Clinical Research & Pharmacovigilance	2	1	1	Clinical Pharmacy (1)	PHP-5106	15	25	-	60	100	1
PHT-5212	Good Manufacturing Practice	2	1	1	Pharmaceutica l Technology (2)	PHT-4211	15	25	10	50	100	1
	Faculty Elective	2	1	1	Specialty		15	25	-	60	100	1
	8	18	11	7								

*L = Lecture; Pract/Tut = Practical/tutorial.

** SW= Semester work

Examination and Evaluation System

Exams:

1. The student must enter both the final written and practical exams on the dates set for them according to the university calendar announced at the beginning of each semester.
2. If the student is absent from the periodic exams and/or the mid-term exam with an excuse accepted by the Dean of the Faculty within two days of the exam date, the Dean or his vice dean shall coordinate with the Head of the Department Council to arrange for a compensatory exam for the student.
3. A student who is absent from the final written exam shall be considered to have failed the courses in which he was absent from taking the exam.

II. Student assessment system

1. The final grade for each course is the total sum of the students' grades in the semester work, practical exams, oral exams, and the written exam at the end of the semester, as shown in the study plan table.
2. Semester work (SW) grades are distributed by the course instructor between periodic exams and activities.

The minimum level for success is as follows:

1. **Compulsory and elective Faculty courses:** The student must obtain 60% of the total grades for the course. The student must also obtain at least 30% of the grade allocated for the written end-of-semester exam for the course.
2. **Compulsory university courses** are pass/fail subjects only and are not included in the calculation of the student's cumulative grade point average (GPA).
3. **Computer skills courses** are non-credit courses and are pass/fail only and are not included in the student's cumulative GPA.

Grading system

- The program is evaluated using a 4 points GPA (Grade Point Average) grading system. The results are displayed in the form of GPA points. Corresponding percentage certificates are issued upon request.

Estimation		Percentage %	GPA
Excellent	A⁺	95% and above	4
	A	90% and above	3.8
	A⁻	From 85% to less than 90%	3.6
Very good	B⁺	From 82.5% to less than 85%	3.4
	B	From 77.5% to less than 82.5%	3.2
	B⁻	From 75% to less than 77.5%	3.0
Good	C⁺	From 72.5% to less than 75%	2.8
	C	From 67.5% to less than 72.5%	2.6
	C⁻	From 65% to less than 67.5%	2.4
Pass	D⁺	From 62.5% to less than 65%	2.2
	D	From 60% to less than 62.5%	2.0
Weak	F	Less than 60%	0.0
Incomplete	I	Less than 60%	-
Withdrawal	W	Less than 60%	-
Forced withdrawal	FW	Less than 60%	-

Initial field training and advanced field training programs

1- Initial field training:

The student must complete a first field training period with a total of 100 actual training hours in private and government pharmacies and hospital pharmacies approved by the Faculty Council, under the supervision of a Faculty member. Training takes place during the summer vacations of the study years after the end of the third level and before starting the internship year.

2- Obligatory Training (Internship year)

- The Internship year is dedicated to advanced on- field training, with 6 training courses for a total of 36 weeks.

- The student must complete the internship year (9 months) after completing the academic year by training in human and veterinary pharmaceutical companies and factories
- Companies and factories include medical supplies and devices, cosmetics, nutritional supplements, herbs and medicinal plants, disinfectants, pesticides, distribution companies, drug stores, local and international drug control and follow-up centers, pharmaceutical research centers (e.g.: MOH-CAPA-NODCAR; WHO, FDA, EMA.. etc), media and pharmaceutical marketing, and medical and bioavailability and clinical studies (CROs). In addition to private and government hospitals and pharmacies.
- Those who wish to specialize in the academic field - teaching and research - can spend a training period in Faculties of pharmacy or research centers, as well as the training program must include one training course from the clinical training courses.

Career & choices:

Upon graduation and completion of the training program, the student is awarded, upon the request of the Faculty of Pharmacy Council, a Bachelor of Pharmacy (Pharm D) degree according to the credit hour system.

The Bachelor of Pharmacy (Pharm D) degree is the first university degree in the field of pharmacy required to obtain a license to practice the profession in all available pharmaceutical fields. It also qualifies the graduate to register for postgraduate studies such as a master's degree and its equivalent in any of the scientific departments.

Support system for High-Achieving Students

The support of high-achieving students and the investment of their capabilities constitute a fundamental pillar of the educational process, representing a shared responsibility in which the roles of multiple stakeholders converge to ensure the continuity of excellence.

Definition of a high-achieving Student

A student who achieves a cumulative GPA higher than (3.7).

Role of the Faculty Administration

1. Honoring top-performing students and awarding them accredited certificates of appreciation.
2. Including the names of high-achieving students on the "Honor Board" on the official Faculty website and on the Faculty's pages on social media and on Faculty display screens.
3. Inviting high-achieving students to participate in certain Faculty committees (such as the Survey Committee, the Community service Committee, and the structure of the Quality Assurance Unit) or meetings of the Education and Student Affairs Committee and some Faculty councils as representatives of the student voice.

Role of the Academic Advisor

1. Regularly monitoring the high-achieving student's file and identifying their specific points of excellence.
2. Developing individualized proposals and plans to enhance the student's skills in alignment with their areas of excellence.
3. Nominating the student to participate in organizing scientific conferences and specialized workshops.

Role of Faculty Members and Teaching Assistants

1. Granting high-achieving students priority attendance in on-field visits.
2. Engaging them in various student and scientific activities to enhance their leadership skills.
3. Complimentary participation in all scientific trips social and scientific visits organized by the Faculty
4. Priority in participating in medical convoys.
5. Inviting them students to attend scientific seminars, symposia, and conferences at the Faculty and to participate in them.

Role of High-Achieving Students (Peer Learning)

1. Utilizing high-achieving students to assist struggling students in understanding scientific courses.

Support System of Struggling Students

Supporting struggling students is a shared responsibility among multiple stakeholders, each playing a prominent role:

Role of the Faculty administration

1. The Faculty administration should adopt an open-door policy for struggling students, listening to their concerns and addressing their requests individually.
2. Providing rewards and motivational incentives for struggling students who demonstrate significant improvement.
3. Identifying struggling students by the academic advisor at each level, in cooperation with Faculty members and teaching assistants, through the following methods:
 - Personal observation of Faculty members and/or teaching assistants regarding the student in lectures or laboratories, recording the extent of their responsiveness and participation in lectures and practical sessions, and their engagement in required activities.
 - Documenting the results of periodic examinations for practical sessions or theoretical lectures, supplemented with statistical information and charts that provide an indicator of the student's performance level.

Role of the academic advisor

1. During the course registration period, the advisor ensures a balanced schedule for the struggling student and registers some remedial courses appropriate to the allowed credit hours, aiming to improve the student's GPA.
2. The academic advisor communicates with course instructors to assess each student's level and identify specific areas of deficiency for improvement.

3. Monitoring the results of periodic examinations for struggling students and prepare a report at the end of each semester detailing the improvements in each student's situation.
4. Holding periodic meetings or communicating regularly via telephone with students to identify the challenges they face and find ways to overcome them.
5. The academic advisor monitors the attendance records of struggling students monthly and alerts students to the necessity of attendance and commitment.
6. In the tenth week, the advisor confirms the student's attendance for semester examinations and resolves any issues that may exist, in accordance with department and Faculty administration instructions.

Role of Faculty members

1. At the beginning of each academic semester, every Faculty member receives a list of struggling students in their assigned courses. Each Faculty member is committed to closely monitoring these students, maintaining direct communication with them, and reviewing key points with them at the end of each lecture.
2. Faculty members may administer additional periodic examinations to encourage continuous studying, taking the highest two grades for the final assessment.
3. Conducting meetings between the course instructor and struggling students during announced office hours at the department to discuss their academic difficulties.
4. Increasing the number of theoretical lecture hours for these students to explain concepts they were previously unable to understand.
5. The Faculty member is committed for explaining the entire curriculum, with particular emphasis on presenting important sections in an accessible manner.

6. The Faculty member ensures that students are introduced to problem-solving methods before periodic and final examinations.

Role of teaching assistants

1. At the beginning of each academic semester, every teaching assistant responsible for practical sessions receives a list of struggling students in their assigned laboratories. Each is committed to closely monitoring these students, maintaining direct communication with them, and reviewing key points with them at the end of each laboratory session.
2. Conducting additional sessions for these students to enable them to understand the theoretical and practical content of the course, and to repeat important laboratory experiments they were unable to grasp during the main laboratory session. This may be included as a part of the teaching assistants' evaluation criteria.

Role of high-achieving students

1. Implementing a peer learning system by utilizing outstanding students to explain academic courses to their struggling peers.
2. Full activity grades are awarded to for the high-achieving students if they are able to assist two of their struggling peers in studying the course and demonstrate noticeable improvement in their performance and grades in that course.

Role of the social and psychological specialist

1. Informing students of the availability of a university psychologist to listen to their concerns and address them through scientific methods.
2. Conducting periodic meetings and seminars with students.

Role of parents

1. The academic advisor or Faculty administration should communicate with the parents of struggling students to explore collaborative ways to encourage and motivate the students, remove any obstacles hindering their academic achievement, and emphasize the importance of parental involvement in resolving their children's issues.
2. Parents should regularly monitor their children's academic results through the electronic system via the parent gate.

Support System of gifted and talented Students

The nurturing of gifted and talented students represents an investment in human capital development. The Faculty strives to identify, support, and develop their capabilities across various scientific, research, and innovative fields. Their support roles are diversified as follows:

Role of the Faculty and University administration

1. Identifying gifted students in the fields of (science, research, arts, sports, and technology) at the end of each academic year.
2. Providing equipped laboratories or halls to support the practice of creative activities and the development of innovations.
3. Supporting and facilitating student participation in scientific, research, and innovation competitions at both local and international levels on behalf of the university.
4. Enhancing communication with the community and various institutions to benefit from the capabilities of gifted students in providing innovative and creative solutions to community problems.
5. Honoring gifted and talented students by awarding them accredited certificates of appreciation from the Dean of the Faculty
6. Publishing the names and achievements of gifted and creative students on the Faculty website and social media platforms.

Role of the academic advisor and Faculty members

- Nominating the student to participate in scientific conferences and workshops that enhance their talent.
- Providing advisory support to the student to balance their time between academic excellence and talent development.

- Making accommodations for them regarding lecture, laboratory, or examination schedules on competition days.
- Monitoring the academic and research progress of gifted students and providing the necessary support to develop their capabilities.

Role of gifted students (Peer Learning)

- Involving gifted students in leading teams, student groups, and activities to enhance the spirit of innovation among their peers.

Role of the Career Guidance and Continuing Education Committee

1. Identifying gifted students in the fields of (science, research, arts, sports, and technology) at the end of each academic year.
2. Organizing specialized workshops and training programs to develop innovation and entrepreneurship skills among students.
3. Providing career guidance to gifted students to assist them in choosing the professional or research path appropriate to their abilities.
4. Connecting gifted students with summer training and research opportunities in relevant scientific and industrial institutions.
5. Organizing scientific seminars and meetings with experts and specialists to support talent and innovation development.
6. Encouraging gifted students to participate in local and international scientific conferences and forums.
7. Supporting students in transforming their innovative ideas into applicable or research projects that can be implemented.
8. Following up with Faculty graduates who were gifted students and benefiting from their experiences in career guidance programs for current students.

Support System of Students with disabilities and Special Needs

The university is committed to providing comprehensive support that ensures equal educational opportunities for this category:

Role of the Faculty administration

1. Providing ramps, elevators, and assistive devices that facilitate student movement within the university campus.
2. Providing special committees appropriate to the student's condition (such as providing writing assistance) when needed.
3. Providing accessible restroom facilities for students with special needs.
4. Priority in healthcare through the medical administration, student hospitals, and university hospitals across various specialties.
5. Supporting the talents of students with special needs through activities and competitions organized by the Faculty's Student welfare administration.

Role of the academic advisor

1. Extracting lists of students' names and their level of special need at the beginning of each academic year.
2. Communicating with Faculty members to ensure that academic material is delivered to the student in an accessible manner.
3. Holding periodic meetings with parents to discuss any obstacles facing the student in their academic achievement.

Role of Faculty members and teaching assistants

1. Using multiple educational media (visual and auditory) to accommodate the diverse abilities of students.
2. Reviewing key points with the student after lectures and laboratories to ensure complete comprehension.

3. Allocate sufficient time to discuss academic problems that the student may face due to their condition.

Role of the social and psychological specialist

1. Providing counseling sessions to enhance the student's self-confidence and integrate them into the university community.
2. Rapid intervention to resolve any social or psychological obstacles that may affect the student's academic journey.

Academic Advising Guidelines

Bachelor's of Pharmacy (Pharm D) Degree Program

First: General program structure

The general structure of the bachelor's program consists of groups of courses, each with a specific number of credit hours, as follows:

Item	Course Group	Credit Hours
First	* University Requirements Mandatory Courses	5
Second	* Faculty Requirements { 1. Mandatory Courses 2. Elective Courses	166
		8
	Total credit hours	179

* University requirement courses (English Language, Computer, Community Issues) are not included in the calculation of the cumulative GPA.

Second: Student academic level

Students enrolled in the Faculty are classified into academic levels (First Level, Second Level, Third Level, Fourth Level, Fifth Level) based on the total number of credit hours successfully completed by the student, as follows:

Level	Completed Credit Hours	
First Level	Up to 35 credit hours	Freshman
Second Level	More than 35 up to 71 credit hours	Sophomore
Third Level	More than 71 up to 107 credit hours	Junior
Fourth Level	More than 107 up to 143 credit hours	Senior 1
Fifth Level	More than 143 up to 179 credit hours	Senior 2

Third: Academic load

The academic load is the total number of credit hours that a student is allowed to register in a single academic semester, subject to the following conditions:

1. The minimum number of credit hours a student must study in both the first and second academic semesters is (12 credit hours). This may be reduced for a student

based on a recommendation from the academic advisor and approval of the Vice Dean or Dean of the Faculty if the student has an acceptable excuse.

2. The maximum number of credit hours a student may study in both the first and second academic semesters is 18 credit hours per semester.
3. A student may register three additional credit hours beyond the maximum limit in the following cases:
 - If the cumulative GPA is 3.30 or higher, distributed as follows:
 - 3.3 to < 3.75: The student pays the fees for these hours.
 - 3.75 and above: These hours are free of charge.
 - If graduation depends on this and the cumulative GPA is 2.0 or higher, and the student pays the fees.

The distribution is as follows:

Cumulative GPA	Credit Hours	Registration Conditions
1.0 or less	10 credit hours	All hours are failed or for improvement
Up to 1.5	10 credit hours	Approximately 25% new courses, remainder failed or improvement
1.5 to < 1.75	12 credit hours	Approximately 50% new courses, remainder failed or improvement
1.75 to < 2.0	14 credit hours	Approximately 75% new courses, remainder failed or improvement
2.0 to < 3.3	18 credit hours	No conditions
3.3 and above	21 credit hours	No conditions

4. A student may register a full load of 18 credit hours if their cumulative GPA is between 1.95 and < 2.0, for one time only throughout their university studies, based on a request bearing the approval of the academic advisor and the Vice Dean or Dean of the Faculty.
5. For the summer semester, the maximum number of hours a student is allowed to register is 10 hours regardless of the student's cumulative GPA.

6. The Faculty council may allow a student in the last two academic semesters (Ninth Semester - Tenth Semester) to exceed the maximum academic load by no more than 3 credit hours to be utilized by the student once The Faculty council may also allow a struggling student to exceed the maximum academic load during the summer semester by no more than 2 credit hours.

Fourth: Registration

A. Early advising

- The student must register for the academic semester during the early advising period, which begins immediately after the results are announced.
- The university prepares the annual academic calendar and announces it to students and various university entities, as well as on the university's website on the internet.
- The University Council also determines the fees for late registration beyond the announced registration schedule if the student is permitted to do so.
- Applications for opening seats are submitted during early advising, and the student is fully responsible for their absence if courses are registered during the add/drop period.

B. Add, Drop, and Withdrawal

1. After approval by the academic advisor, a student may add one or more courses during the first and second weeks of the start of classes, subject to the maximum semester academic load.
2. A student may withdraw (drop) from one or more courses they have registered for after approval by the academic advisor and the Dean of the Faculty during a period not exceeding the end of the fourth week from the start of classes, subject to the minimum semester academic load. In this case, the dropped courses are not recorded in the student's academic record.

3. A student may withdraw from one or more courses they have registered for with an excuse acceptable to the course instructor and the Vice Dean or Dean of the Faculty after the end of the fourth week until the end of the tenth week, subject to the minimum semester academic load. In this case, the courses from which the student withdrew are recorded in the academic record with a grade of "Withdrawn."

C. Self-Study

If a student's graduation depends on a course that is not offered or conflicts with a mandatory required course, it may be studied through self-study with the course instructor according to the student's situation, after approval by the academic advisor, the course instructor, and the Vice Dean or Dean of the Faculty. The assessment system for the student's performance in the course, approved by the head of the department council, is applied, including examinations and other required assignments and tasks necessary to successfully pass the course.

D. Prerequisite

A prerequisite is a course that must be completed before studying a subsequent course, and the following conditions apply:

1. A student may not study a course before studying its prerequisite.
2. A student may register for a course concurrently with its prerequisite if the student is in their graduation semester and graduation depends on this, after approval by the academic advisor and the Vice Dean or Dean of the Faculty.

E. Grade improvement

1. A student may repeat a course in which they received a grade of C-or lower to raise their grade, for one time only. The higher grade is calculated in the cumulative GPA without changing the number of completed credit hours. The maximum number of credit hours that may be repeated in this case is 12 credit

hours if the courses required for improvement do not conflict with the student's schedule and have available seats for registration.

2. If the student's cumulative GPA is below the required graduation GPA (2.0), the student may repeat courses in which they received a grade of Good (C-) or lower, or alternative elective courses, to raise their cumulative GPA to the minimum for graduation. Only the higher grade is calculated in the cumulative GPA. Courses in which the student received a grade higher than Good may be repeated to improve the cumulative GPA with the approval of the academic advisor and the Dean of the Faculty
3. If a student passes a course with a grade of D+ and was previously failing it with a grade of FW, improvement is not required in this case as the student's grade will not exceed D+.

Support System for Students

The Faculty of Pharmacy is committed to providing a comprehensive support system encompassing social, health, psychological, and financial aspects to ensure a safe and stimulating educational environments for all students. The Faculty offers academic and social counseling services to help students navigate various challenges and successfully adjust to university life. Additionally, psychological support is provided by specialists at the Faculty of Medicine's psychological clinic within the university to safeguard mental well-being and enhance resilience in the face of stress. Regarding health services, the Faculty enables students to access medical facilities and the university clinic, as well as Nahda University Hospital, while also organizing health awareness campaigns and early disease detection programs. The Faculty promotes a culture of prevention and encourages healthy lifestyles through seminars and educational activities. Financially, the university strives to support students in need through financial aid, fee waivers, and scholarships, in accordance with established regulations. The Faculty also encourages participation in student activities that foster a spirit of cooperation, a sense of belonging, and social responsibility. It provides effective channels for receiving student complaints and suggestions, handling them with confidentiality and transparency. These services contribute to enhancing the quality of university life and increasing student satisfaction. Furthermore, the Faculty reaffirms its ongoing commitment to providing comprehensive support that helps students achieve academic excellence, develop well-rounded personalities, and serve the community.

Overview of the Faculty's Facilities and Capabilities

Animal House

The Animal House is a specialized unit affiliated with Faculty of Pharmacy, Nahda University. It aims to provide various research services to students and researchers from both within and outside the university. The facility also handles the breeding and production of laboratory animals, specifically mice and rats. As a key pillar of scientific research at the university, it supplies students and researchers with the necessary laboratory animals for scientific studies at no cost. Furthermore, the animal facility provides a suitable environment for researchers from various Egyptian Faculties and universities to conduct scientific studies. It houses a measurement laboratory equipped with modern instrumentation, offering researchers the ideal setting to complete their work efficiently and smoothly. Additionally, the facility includes a treatment and surgery room for sample collection following research experiments. The staff continuously integrates modern measurement techniques and research methodologies to keep pace with scientific advancements and maintain a competitive edge.

The Library

The library's mission is to connect students and faculty members with the resources required for their studies and specializations, while facilitating access to materials available on the shelves.

The library offers a range of services, including in-house and external borrowing, current awareness services, selective dissemination of information (SDI), inquiry support, and photocopying.

It also provides access to the "Egyptian Knowledge Bank" database, enabling users to make the most of this resource

Drug Information Center

This center aims to raise awareness regarding medications and provide high-quality healthcare by:

- Compiling a database from accredited sources—offering a convenient and user-friendly way to access the latest published information on any medication in the shortest possible time, backed by validated scientific evidence.
- Responding to all medication-related inquiries from medical team members whether in hospitals, health units, or private pharmacies—and providing them with comprehensive and accurate information.
- Raising patient awareness and ensuring they are fully informed about the medication being used through educational sessions and the distribution of scientific journals and pharmaceutical literature in a simplified, accessible format.
- Organizing periodic meetings, structured courses, and training sessions to educate medical team members and provide them with new, internationally validated medical and pharmaceutical research.

Services available at the university and used by Faculty of Pharmacy students.

- 13 laboratories across the Faculty of Computer Science and the English Language Unit, with a total of 664 computers.
- Facilities and sports grounds for student activities.
- Student accommodation (university dormitories).
- Student rest areas.
- Central diner hall.
- Multiple cafeterias serving the university's various Faculties, plus a dedicated central dining facility for the Faculty of Pharmacy.
- Supermarket.
- Mosque.
- Medical clinic equipped with the following:

- Fully equipped examination room; doctor's and nurse's stations; medicine cabinet stocked with emergency medications; oxygen cylinder; bronchodilator nebulizer (Ventolin/Farcolin); ECG machine; medical refrigerator; and a fully equipped treatment/dressing table.
- Ambulance.
- Electric generators.
- Elevator.
- The Faculty is further distinguished by the presence of the university's Faculty of Medicine—established by Presidential Decree No. 19 of 2019, with classes commencing in the 2019–2020 academic year—which is supported by an affiliated teaching hospital that serves as a training site for Pharmacy students during their internship year.

The Educational Pharmacy

- The educational pharmacy serves as a training environment that simulates community pharmacies and hospital pharmacies, aiming to develop students' practical and professional skills. Students train in dispensing medications, handling prescriptions, and providing medication counseling, thereby bridging the gap between theoretical study and practical application.

The Educational Manufacturing Facility

The educational manufacturing facility provides a comprehensive environment for training students in the stages of pharmaceutical manufacturing in accordance with Good Manufacturing Practices (GMP). It enables students to gain experience in preparing various pharmaceutical dosage forms, quality control, and packaging.

Drug Design Lab

The drug design laboratory is an advanced educational and research platform used for the design and discovery of pharmaceutical compounds employing modern computer software. It enables students and researchers to study interactions between drugs and biological targets and supports research into drug discovery and development.

Educational Farm (Medicinal and Aromatic Plants)

The educational farm features a diverse collection of medicinal and aromatic plants used to train students in identifying plants of pharmaceutical importance, as well as methods for their cultivation and harvesting. It also supports research activities in the fields of pharmacognosy and the extraction of active compounds from natural sources.

Examples of student activities

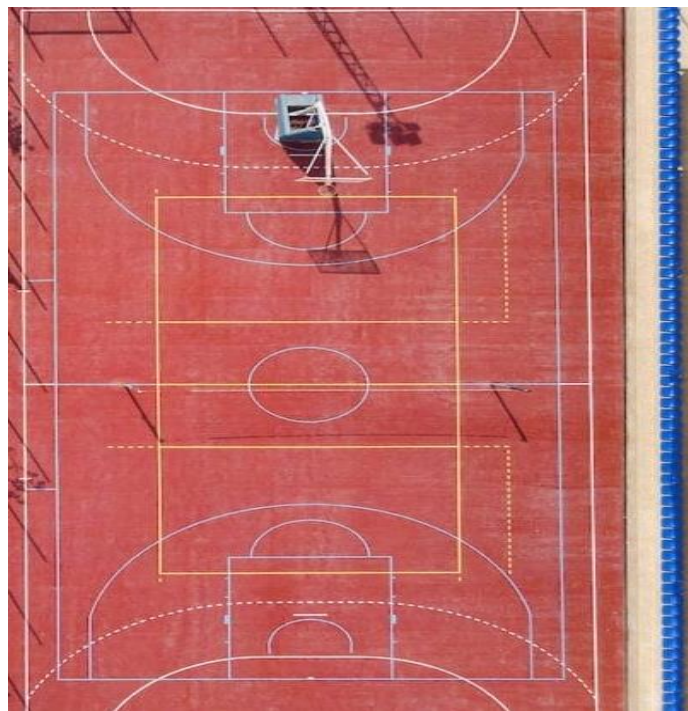
Football pitch



GYM



Basketball court



Billiards Hall



Adopted Academic Standards (NARS/ARS): NARS

DOMAIN 1- FUNDAMENTAL KNOWLEDGE

COMPETENCY

Integrate knowledge from basic and applied pharmaceutical and clinical sciences to standardize materials, formulate and manufacture products, and deliver population and patient-centered care.

KEY ELEMENTS

1-1-1 Demonstrate understanding of knowledge of pharmaceutical, biomedical, social, behavioral, administrative, and clinical sciences.

1-1-2 Utilize the proper pharmaceutical and medical terms, abbreviations and symbols in pharmacy practice.

1-1-3 Integrate knowledge from fundamental sciences to handle, identify, extract, design, prepare, analyze, and assure quality of synthetic/natural pharmaceutical materials/products.

1-1-4 Articulate knowledge from fundamental sciences to explain drugs' actions and evaluate their appropriateness, effectiveness, and safety in individuals and populations.

1-1-5 Retrieve information from fundamental sciences to solve therapeutic problems.

1-1-6 Utilize scientific literature, and collect and interpret information to enhance professional decision.

1-1-7 Identify and critically analyze newly emerging issues influencing pharmaceutical industry and patient health care.

DOMAIN 2: PROFESSIONAL AND ETHICAL PRACTICE

2-1- COMPETENCY

Work collaboratively as a member of an inter-professional health care team to improve the quality of life of individuals and communities, and respect patients' rights.

KEY ELEMENTS

2-1-1 Perform responsibilities and authorities in compliance with the legal and professional structure and role of all members of the health care professional team.

2-1-2 Adopt ethics of health care and pharmacy profession respecting patients' rights and valuing people diversity.

2-1-3 Recognize own personal and professional limitations and accept the conditions of referral to or guidance from other members of the health care team.

2-2- COMPETENCY

Standardize pharmaceutical materials, formulate and manufacture pharmaceutical products, and participate in systems for dispensing, storage, and distribution of medicines.

KEY ELEMENTS

2-2-1 Isolate, design, identify, synthesize, purify, analyze, and standardize synthetic/natural pharmaceutical materials.

2-2-2 Apply the basic requirements of quality management system in developing, manufacturing, analyzing, storing, and distributing pharmaceutical materials/ products considering various incompatibilities.

2-2-3 Recognize the principles of various tools and instruments, and select the proper techniques for synthesis and analysis of different materials and production of pharmaceuticals.

2-2-4 Adopt the principles of pharmaceutical calculations, biostatistical analysis, bioinformatics, pharmacokinetics, and bio-pharmaceutics and their applications in new drug delivery systems, dose modification, bioequivalence studies, and pharmacy practice.

2-3- COMPETENCY

Handle and dispose biologicals and synthetic/natural pharmaceutical materials/products effectively and safely with respect to relevant laws and legislations.

KEY ELEMENTS

2-3-1 Handle, identify, and dispose biologicals, synthetic/natural materials, biotechnology-based and radio-labeled products, and other materials/products used in pharmaceutical field.

2-3-2 Recognize and adopt ethical, legal, and safety guidelines for handling and disposal of biologicals, and pharmaceutical materials/products.

2-4- COMPETENCY

Actively share professional decisions and proper actions to save patient's life in emergency situations including poisoning with various xenobiotics, and effectively work in forensic fields.

KEY ELEMENTS

2-4-1 Ensure safe handling/use of poisons to avoid their harm to individuals and communities.

2-4-2 Demonstrate understanding of the first aid measures needed to save patient's life.

2-4-3 Take actions to solve any identified medicine-related and pharmaceutical care problems.

2-4-4 Assess toxicity profiles of different xenobiotics and detect poisons in biological specimens.

2-5- COMPETENCY

Contribute in pharmaceutical research studies and clinical trials needed to authorize medicinal products.

KEY ELEMENTS

2-5-1 Fulfill the requirements of the regulatory framework to authorize a medicinal product including quality, safety, and efficacy requirements.

2-5-2 Retrieve, interpret, and critically evaluate evidence-based information needed in pharmacy profession.

2-5-3 Contribute in planning and conducting research studies using appropriate methodologies.

2-6- COMPETENCY

Perform pharmacoeconomic analysis and develop promotion, sales, marketing, and business administration skills.

KEY ELEMENTS

2-6-1 Apply the principles of business administration and management to ensure rational use of financial and human resources.

2-6-2 Utilize the principles of drug promotion, sales, marketing, accounting, and pharmacoeconomic analysis.

DOMAIN 3: PHARMACEUTICAL CARE

3-1- COMPETENCY

Apply the principles of body functions to participate in improving health care services using evidence-based data.

KEY ELEMENTS

3-1-1 Apply the principles of body function and basis of genomics in health and disease states to manage different diseases.

3-1-2 Apply the principles of public health and pharmaceutical microbiology to select and assess proper methods of infection control.

3-1-3 Monitor and control microbial growth and carry out laboratory tests for identification of infections/diseases.

3-1-4 Relate etiology, epidemiology, pathophysiology, laboratory diagnosis, and clinical features of infections/diseases and their pharmacotherapeutic approaches.

3-2- COMPETENCY

Provide counseling and education services to patients and communities about safe and rational use of medicines and medical devices.

KEY ELEMENTS

3-2-1 Integrate the pharmacological properties of drugs including mechanisms of action, therapeutic uses, dosage, contra-indications, adverse drug reactions and drug interactions.

3-2-2 Apply the principles of clinical pharmacology and pharmacovigilance for the rational use of medicines and medical devices.

3-2-3 Provide evidence-based information about safe use of complementary medicine including phytotherapy, aromatherapy, and nutraceuticals.

3-2-4 Provide information about toxic profiles of drugs and other xenobiotics including sources, identification, symptoms, and management control.

3-2-5 Educate and counsel patients, other health care professionals, and communities about safe and proper use of medicines including OTC preparations and medical devices.

3-2-6 Maintain public awareness on social health hazards of drug misuse and abuse.

DOMAIN 4: PERSONAL PRACTICE

4-1- COMPETENCY

Express leadership, time management, critical thinking, problem solving, independent and team working, creativity and entrepreneurial skills.

KEY ELEMENTS

4-1-1 Demonstrate responsibility for team performance and peer evaluation of other team members, and express time management skills.

4-1-2 Retrieve and critically analyze information, identify and solve problems, and work autonomously and effectively in a team.

4-1-3 Demonstrate creativity and apply entrepreneurial skills within a simulated entrepreneurial activity.

4-2- COMPETENCY

Effectively communicate verbally, non-verbally and in writing with individuals and communities.

KEY ELEMENTS

4-2-1 Demonstrate effective communication skills verbally, non-verbally, and in writing with professional health care team, patients, and communities.

4-2-2 Use contemporary technologies and media to demonstrate effective presentation skills.

4-3- COMPETENCY

Express self-awareness and be a life-long learner for continuous professional improvement.

KEY ELEMENTS

4-3-1 Perform self-assessment to enhance professional and personal competencies.

4-3-2 Practice independent learning needed for continuous professional development.

Frequently Asked Questions

Q1: What is the duration of pharmaceutical studies at the Faculty of Pharmacy NUB?

A: The typical study period is five years divided into 10 semesters, according to the credit hour system and one obligatory year for obligatory field training (internship year)

Q2: What is the credit hour system?

A: Credit hour is a study unit (theoretical or practical/applied) at a rate of one hour for theoretical lectures for the course per week, and two hours for practical or applied lessons per week throughout the semester.

Q3: Is the internship year applied in universities other than Nahda University?

A: The internship year is applied in all pharmacy Faculty in all Egyptian universities as of the current academic year 2023–2024.

Q4: Will the methods of students' evaluation differ according Bachelor's of Pharmacy (Pharm D) Program ?

A: Yes, they will cover all that has been taught and be more thorough and unbiased. Multiple-choice and brief essay questions will make up the majority of the students' examinations. The purpose of the practical and clinical component is to assess the student's real performance in the abilities they have learned

Q5: What sources will I use for studying?

A: A few sources, including your own notes from lectures and other learning events.

The scientific content for every topic is included in the "Study guide," which is supplied by departments.

- E-learning subjects and courses (LMS).
- Textbooks.