



Faculty of Pharmacy – Nahda

University

Students' Guide

2025 -2026

Bachelor of Pharmacy –
(PharmD) (Clinical Pharmacy)
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 pilot and 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

د. 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.

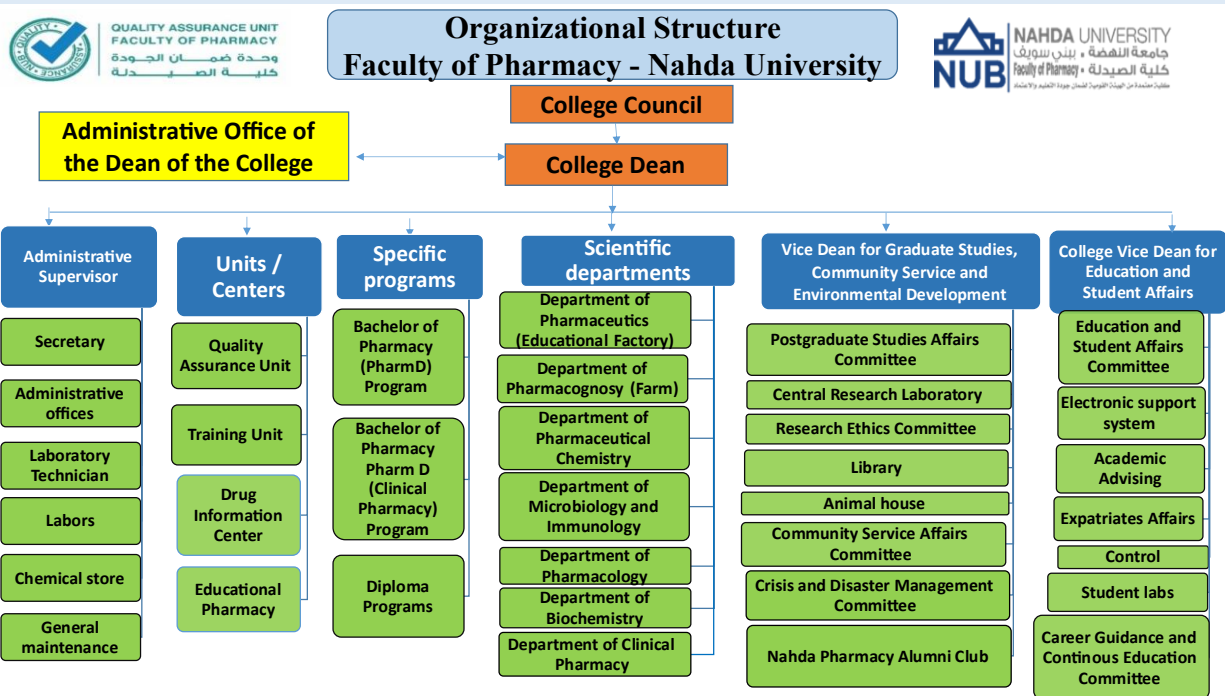
Vision of Faculty of Pharmacy – NUB

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

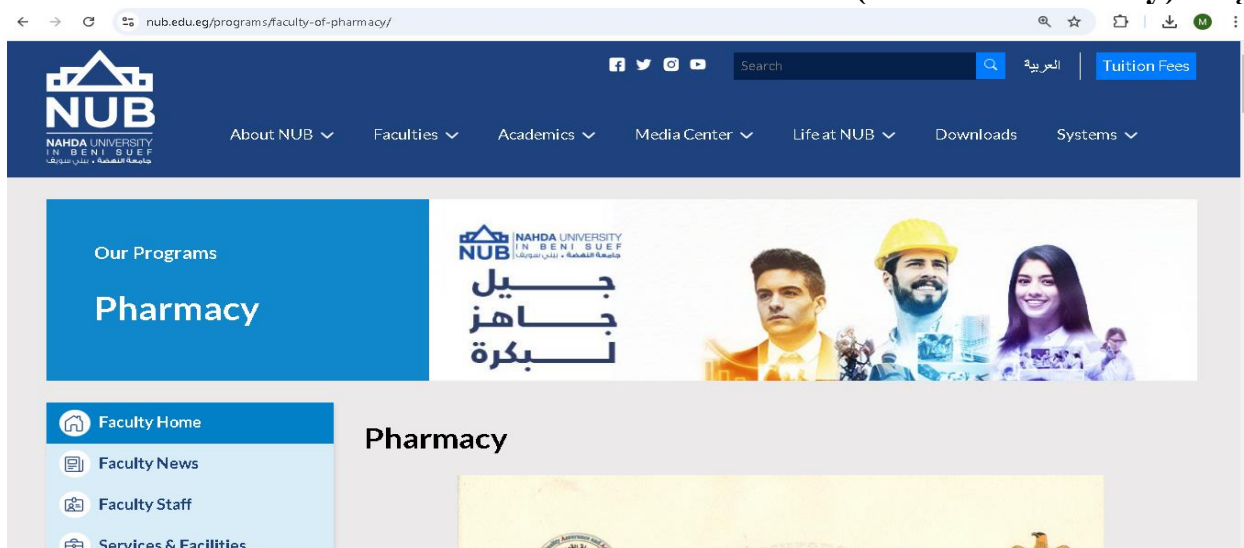
Faculty Website and Facebook Page:

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



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كلية معتمدة من الهيئات القومية لضمان جودة التعليم والاعتماد

Nahda University Faculty of Pharmacy Bachelor of Pharmacy –(PharmD) (Clinical Pharmacy)Program



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

180 hours, Bachelor of Pharmacy (PharmD) (Clinical Pharmacy).

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.



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Nahda University
Faculty of Pharmacy
Bachelor of Pharmacy –(PharmD)
(Clinical Pharmacy)Program

Bachelor of Pharmacy – (PharmD) (Clinical Pharmacy) Program

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

Program Vision

The Bachelor of Pharmacy program (Pharm D) (Clinical Pharmacy) at Faculty of Pharmacy - Nahda University should be a distinguished program at the local and regional levels in the fields of health care, clinical research, scientific research and community service to reach a prestigious global position in the field of clinical pharmacy.

Program Mission

The Bachelor of Pharmacy program (Pharm D) (Clinical Pharmacy) at Faculty of Pharmacy Nahda University aims to prepare calibers of distinguished clinical pharmacists scientifically and practically capable of providing integrated health care and contributing effectively to raise the efficiency of the therapeutic system and participate efficiently in scientific research to serve the community and develop the labor market, aiming to apply information technology taking inconsideration the professional ethics.

Program Objectives

- 1.The ability to prepare and dispense medicines in controlled doses, adhering to professional ethics.
- 2.Acquire sufficient knowledge to prepare and follow up the therapeutic plan with efficiency respecting patient's rights.
- 3.Provide high quality pharmacy guidelines in collaboration with other healthcare providers.
- 4.Apply quality standards to control the quality of the pharmaceutical product, **preserving it and** follow up the side effects.
- 5.**Acquiring the knowledge and skills necessary to develop and produce pharmaceutical products in accordance with quality standards and Good Manufacturing Practices (GMP).**
- 6.The ability to utilize skills, critical thinking and pharmacovigilance **to take a appropriate clinical professional decisions to save the patient's life.**
- 7.Sufficient knowledge of pathophysiology sciences to provide appropriate health care
- 8.Acquire the scientific skills necessary for the preparation, design and implementation of research projects through continuous training in hospitals.
- 9.Acquire leadership, marketing and entrepreneurship skills through career guidance and continuing education.
10. Utilization of information technology and artificial intelligence to improve personal skills.
11. Promote simulation-based learning to improve and consolidate the clinical skills for student.

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 clinical training (internship year) to obtain a Bachelor of Pharmacy (Pharm D) (Clinical Pharmacy) 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 the 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 180	Level ٥

Duration of Study

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

Curriculum Design

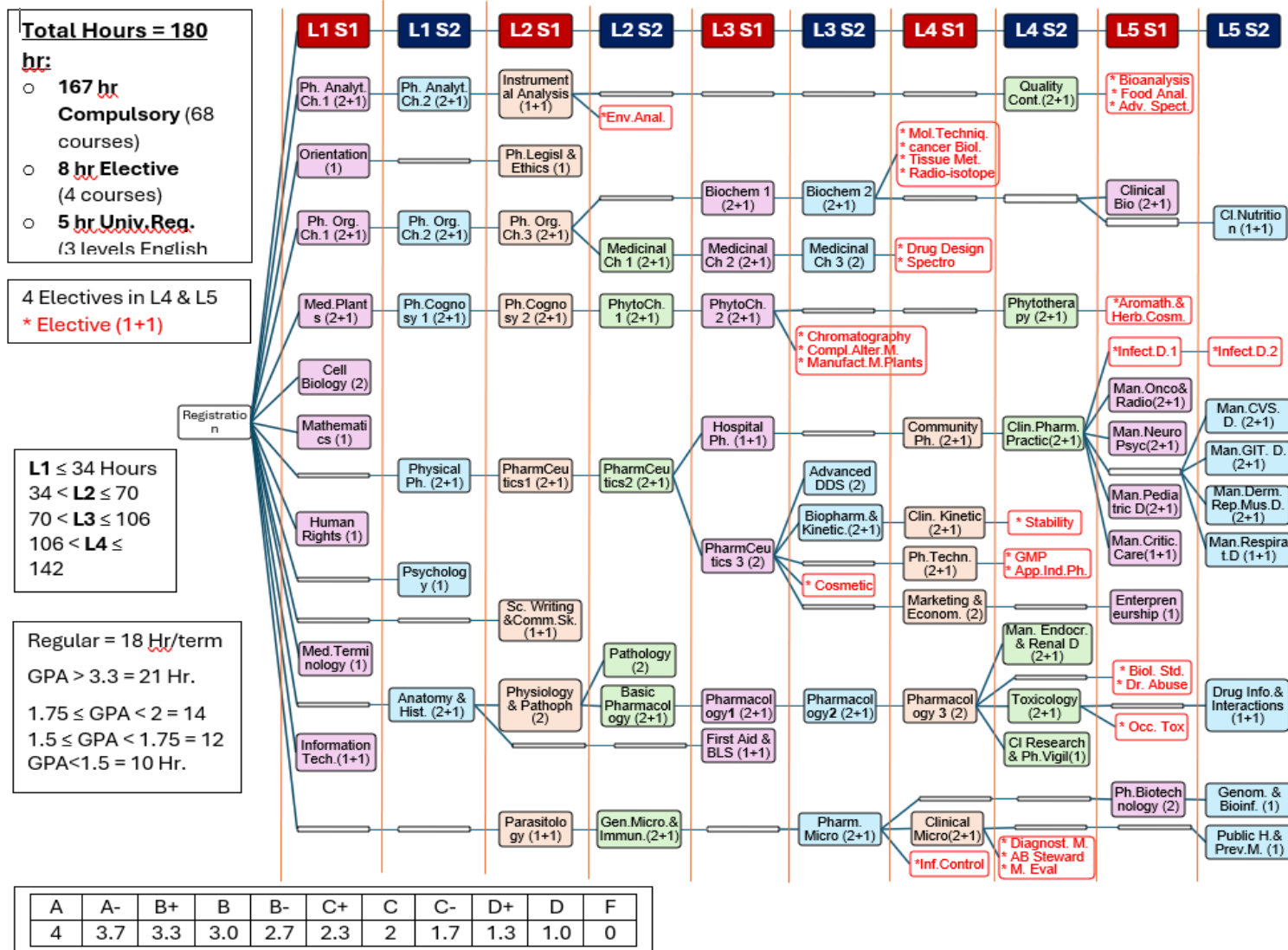
-The curriculum is designed so that learning is through theoretical lectures, discussion panels, practical lessons, workshops, field training, conducting research and giving presentations, in addition to cooperation with the community surrounding the university.

-The general structure of the Bachelor of Pharmacy (PharmD) (Clinical Pharmacy) 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 (5 credit hours)	٥
Second	Compulsory Courses	Faculty Requirements (175 credit hours)	١٦٧
	Elective Courses		٨
	Total credit hours		١٨٠

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



PhD Clinical Courses Map

• **Study plan:**

Level: One

Semester: First

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	Examination Marks**					Exam Hrs.
			L	P/T		SW	Pract	Oral	final	Total	
CPA1101	Pharmaceutical Analytical Chemistry-I	3	2	1	Registration	15	25	10	50	100	2
CPO1101	Pharmaceutical Organic Chemistry-I	3	2	1	Registration	15	25	10	50	100	2
CPG1101	Medicinal Plants	3	2	1	Registration	15	25	10	50	100	2
CPB1101	Cell Biology	2	2	0	Registration	25	---	---	75	100	2
CPT1101	Pharmacy Orientation	1	1	0	Registration	25	---	---	75	100	1
CPL1101	Medical Terminology	1	1	0	Registration	25	---	---	75	100	1
CNP1101	Information Technology	2	1	1	Registration	15	25	---	60	100	1
CNP1102	Mathematics	1	1	0	Registration	25	---	---	75	100	1
UR1101	Human Rights & Fighting Corruption	1	1	0	Registration	25	---	---	75	100	1
ENG111	English Language 1	0	0	0	Registration	---	---	---	---	---	---
A-CS121	Computer skills L1	0	0	0	Registration	---	---	---	---	---	---
		17	13	4							

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

** SW= Semester work

***المادة ممتدة على ترمين دراسيين وتحسب من الساعات المعتمدة في الترم الثاني

***المادة ممتدة على ترمين دراسيين وبدون ساعات معتمدة

Level: One

Semester: Second

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	Code	Examination Marks**					Exam. Hrs.
			L.	P/T			SW	Pract.	Oral	final	Total	
CPA1202	Pharmaceutical Analytical Chemistry-II	3	2	1	Pharmaceutical Analytical Chemistry-I	CPA1101	15	25	10	50	100	2
CPO1202	Pharmaceutical Organic Chemistry-II	3	2	1	Pharmaceutical Organic Chemistry-I	CPO1101	15	25	10	50	100	2
CPT1202	Physical Pharmacy	3	2	1	Registration	-----	15	25	10	50	100	2
CPG1202	Pharmacognosy-I	3	2	1	Medicinal Plants	CPG1101	15	25	10	50	100	2
CPL1202	Anatomy & Histology	3	2	1	Registration	-----	15	25	---	60	100	2
CNP1203	Psychology	1	1	0	Registration	-----	25	---	---	75	100	1
ENG111	English Language1	1	1	0	-----	---	300	---	---	200	500	
A-CS121	Computer Skills L1	0	0	0	-----	---	---	---	---	100	100	
		17	12	5								

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** SW= Semester work

Leve: Two

Semester: First

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	Code	Examination Marks**					Exa m. Hrs.
			L	P/T			SW	Pract.	Oral	final	Total	
CPO2103	Pharmaceutical Organic Chemistry-III	3	2	1	Pharmaceutical Organic Chemistry- II	CPO1202	15	25	10	50	100	2
CPT2103	Pharmaceutics-I	3	2	1	Physical Pharmacy	CPT1202	15	25	10	50	100	2
CPG2103	Pharmacognosy-II	3	2	1	Pharmacognosy-I	CPG1202	15	25	10	50	100	2
CMB2101	Parasitology	2	1	1	Registration	-----	15	25	---	60	100	2
CPA2103	Instrumental Analysis	2	1	1	Pharmaceutcal Analytical Chemistry-II	CPA1202	15	25	10	50	100	1
CPL2103	Physiology & Pathophysiology	2	2	0	Anatomy & Histology	CPL1202	25	---	---	75	100	2
CPP2101	Pharmacy Legislations & Professional Ethics	1	1	0	Pharmacy Orientation	CPT1101	25	---	---	75	100	1
CNP2204	Scientific Writing & Communication Skills	2	1	1	Registration	-----	15	25	---	60	100	1
ENG112* **	English Language 2	-	-	-	English Language 1	ENG111	---	---	---	---	---	---
ACS122* ***	Computer Skills L2	-	-	-	Computer Skills L1	A-CS121	---	---	---	---	---	---
		18	12	6								

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



Level: Two

Semester: Second

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	Code	Examination Marks**					Exam. Hrs
			L	P/T			SW	Pract.	Oral	final	Total	
CPG2204	Phytochemistry-I	3	2	1	Pharmacognosy-II	CPG2103	15	25	10	50	100	2
CPM2201	Medicinal Chemistry-I	3	2	1	Pharmaceutical Organic Chemistry-III	CPO2103	15	25	10	50	100	2
CPL2204	Basic Pharmacology	3	2	1	Physiology & Pathophysiology	CPL2103	15	25	10	50	100	2
CPT2204	Pharmaceutics-II	3	2	1	Pharmaceutics-I	CPT2103	15	25	10	50	100	2
CMB2202	General Microbiology & Immunology	3	2	1	Parasitology	CMB2101	15	25	10	50	100	2
CPL2205	Pathology	2	2	0	Physiology & Pathophysiology	CPL2103	25	---	---	75	100	2
ENG112* **	English Language2	1	1	0	English Language 1	ENG111	300	---	---	200	500	
ACS122* ***	Computer Skills L2	0	0	0	Computer Skills L1	A-CS121	---	---	--	100	100	
		18	13	5								

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** SW= Semester work

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Level: Three

Semester: First

Code	Name of Course	Cred it hour s	Credit hours*		Prerequisite	Code	Examination Marks**					Exa m. Hrs
			L	P/ T			SW	Pract.	Oral	final	Total	
CPG3105	Phytochemistry-II	3	2	1	Phytochemistry-I	CPG2204	15	25	10	50	100	2
CPM3102	Medicinal Chemistry-II	3	2	1	Medicinal Chemistry-I	CPM2201	15	25	10	50	100	2
CPL3106	Pharmacology-I	3	2	1	Basic Pharmacology	CPL2204	15	25	10	50	100	2
CPB3102	Biochemistry-I	3	2	1	Pharmaceutical Organic Chemistry- III	CPO2103	15	25	10	50	100	2
CPP3102	Hospital Pharmacy	2	1	1	Pharmaceutics-II	CPT2204	15	25	10	50	100	1
CPT3105	Pharmaceutics-III	2	2	0	Pharmaceutics-II	CPT2204	15	---	10	75	100	2
CPL3107	First Aid & Basic Life Support (BLS)	2	1	1	Anatomy & Histology	CPL1202	15	25	---	60	100	1
ENG113* **	English Language 3	-	-	-	English Language 2	ENG112	---	---	---	---	---	---
ACS123* ***	Computer Skills L3	-	-	-	Computer Skills L2	A-CS122	---	---	---	---	---	---
		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	P/T			SW	Pract.	Oral	final	Total	
CMB2203	Pharmaceutical Microbiology	3	2	1	General Microbiology & Immunology	CMB2202	15	25	10	50	100	2
CPL3208	Pharmacology-II	3	2	1	Pharmacology-I	CPL3106	15	25	10	50	100	2
CPT3206	Biopharmaceutics & Pharmacokinetics	3	2	1	Pharmaceutics-III	CPT3105	15	25	10	50	100	2
CPB3203	Biochemistry-II	3	2	1	Biochemistry-I	CPB3102	15	25	10	50	100	2
CPT3207	Advanced Drug Delivery System	2	2	0	Pharmaceutics-III	CPT3105	15	---	10	75	100	2
CPM3203	Medicinal Chemistry-III	2	2	0	Medicinal Chemistry-II	CPM3102	15	---	10	75	100	2
ENG113**	English Language 3	2	2	0	English Language 2	ENG112	300	---	---	200	500	
ACS123**	Computer Skills L3	0	0	0	Computer Skills L2	A-CS122	---	---	---	100	100	
		18	14	4								

*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	P/T			SW	Pract.	Oral	final	Total	
CPT4108	Clinical Pharmacokinetics	3	2	1	Biopharmaceutics & Pharmacokinetics	CPT3206	15	25	10	50	100	2
CMB4104	Clinical Microbiology	3	2	1	Pharmaceutical Microbiology	CMB3203	15	25	10	50	100	2
CPP4103	Community Pharmacy	3	2	1	Hospital Pharmacy	CPP3102	15	25	10	50	100	2
CPT4109	Pharmaceutical Technology	3	2	1	Pharmaceutics-III	CPT3105	15	25	10	50	100	2
CPL4109	Pharmacology-III	2	2	0	Pharmacology-II	CPL3208	15	---	10	75	100	2
CPT4110	Drug Marketing & Pharmacoeconomics	2	2	0	Pharmaceutics-III	CPT3105	25	---	---	75	100	2
	Elective Course	2	1	1			15	25	---	60	100	1
		18	13	5								

*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	P/T			SW	Pract.	Oral	final	Total	
CPG4206	Phytotherapy	3	2	1	Phytochemistry-II	CPG3105	15	25	10	50	100	2
CPA4204	Quality Control of Pharmaceuticals	3	2	1	Instrumental Analysis	CPA2103	15	25	10	50	100	2
CPL4210	Basic & Clinical Toxicology	3	2	1	Pharmacology-III	CPL4109	15	25	10	50	100	2
CPP4204	Clinical pharmacy Practice	3	2	1	Community Pharmacy	CPP4103	15	25	10	50	100	2
CPP4205	Management of Endocrine & Renal Disorders	3	2	1	Pharmacology-III	CPL4109	15	25	10	50	100	2
CPP4206	Clinical Research & Pharmacovigilance	1	1	0	Pharmacology-III	CPL4109	25	---	---	75	100	1
	Elective Course	2	1	1			15	25	---	60	100	1
		18	12	6								

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

** SW= Semester work

Level: Five

Semester: First

Code	Name of Course	Credit hours	Credit hours*		Prerequisite	Code	Examination Marks**					Exam . Hrs
			L	P/T			SW	Pract.	Oral	final	Total	
CPB5104	Clinical Biochemistry	3	2	1	Biochemistry-II	CPB3203	15	25	10	50	100	2
CPP5107	Management of Oncological Diseases & Radiopharmacy	3	2	1	Clinical pharmacy Practice	CPP4204	15	25	10	50	100	2
CPP5108	Management of Neuropsychiatric Diseases	3	2	1	Clinical pharmacy Practice	CPP4204	15	25	10	50	100	2
CPP5109	Management of Pediatric Diseases	3	2	1	Clinical pharmacy Practice	CPP4204	15	25	10	50	100	2
CPP5110	Management of Critical Care Patients	2	1	1	Clinical pharmacy Practice	CPP4204	15	25	10	50	100	1
CMB5105	Pharmaceutical Biotechnology	2	2	0	Pharmaceutical Microbiology	CMB3203	15	---	10	75	100	2
CNP5105	Entrepreneurship	1	1	0	Drug Marketing & Pharmacoeconomics	CPT4110	25	---	----	75	100	1
	Elective Course	2	1	1			15	25	---	60	100	1
		19	13	6								

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

** SW= Semester work



Level: Five

Semester: Second

Code	Name of Course	Credit hours	Credit hour*		Prerequisite	Code	Examination Marks**					Exam. Hrs
			L	P/T			SW	Pract.	Oral	final	Total	
CPP5211	Management of Cardiovascular Diseases	3	2	1	Clinical pharmacy Practice	CPP4204	15	25	10	50	100	2
CPP5212	Management of Gastrointestinal Diseases	3	2	1	Clinical pharmacy Practice	CPP4204	15	25	10	50	100	2
CPP5213	Management of Dermatological, Reproductive & Musculoskeletal Diseases	3	2	1	Clinical pharmacy Practice	CPP4204	15	25	10	50	100	2
CPP5214	Management of Respiratory Diseases	2	1	1	Clinical pharmacy Practice	CPP4204	15	25	10	50	100	1
CPL5211	Drug Information & Drug interaction	2	1	1	Basic & Clinical Toxicology	CPL4210	15	25	---	60	100	1
CPB5205	Clinical Nutrition	2	1	1	Biochemistry 2	CPB3203	15	25	10	50	100	1
CPB5206	Genomics & Bioinformatics	1	1	0	Pharmaceutical Biotechnology	CMB5105	25	---	---	75	100	1
CMB5206	Public Health & Preventive Medicine	1	1	0	Clinical Microbiology	CMB4104	25	---	---	75	100	1
	Elective Course	2	1	1			15	25	---	60	100	1
		19	12	7								

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

** SW= Semester work

Examination and Evaluation System

I. Exams:

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 an activity.

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	90% and above	4
	A ⁻	From 85% to less than 90%	3.7
Very good	B ⁺	From 81% to less than 85%	3.3
	B	From 78% to less than 81%	3.0
	B ⁻	From 75% to less than 78%	2.7
Good	C ⁺	From 72% to less than 75%	2.3
	C	From 69% to less than 72%	2.0
	C ⁻	From 65% to less than 69%	1.7
Pass	D ⁺	From 63% to less than 65%	1.3
	D	From 60% to less than 63%	1.0
Weak	F	Less than 60%	0.0

Initial field training and advanced field training

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 sixth year is dedicated to advanced field training, with 6 training courses for a total of 36 weeks.
- Obligatory field training should include at least 4 rotations within hospitals that implement clinical pharmacy practice.
- Obligatory field training must include one training course in Egyptian Drug Authority (Drug tour) in addition to project research.
- The Obligatory training program is designed in an integrated and systematic manner, in a rotating, cyclical manner, recorded in hours and training tasks, and under the close supervision of the Faculty and the training unit.
- The committee responsible for supervising the program designs the advanced training program annually based on the number of students and the availability of training places, provided that the program is approved by the Faculty Council before its implementation.
- The student must submit and pass a graduation project in a specific specialty determined by the committee responsible for supervising the program.

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) (Clinical Pharmacy) degree according to the credit hour system.

The Bachelor of Pharmacy (Pharm D) (Clinical Pharmacy) 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 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.

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 and social and scientific visits organized by the Faculty.
4. Priority in participating in medical convoys.
5. Inviting them 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 the 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 talented 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 for 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) (Clinical Pharmacy) 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	Courses	167
	* Faculty Requirements { 1. Mandatory	
	Courses 2. Elective	8
	Total credit hours	180

* University requirement courses (English Language, Computer, Human Rights, and Anti-Corruption) 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 34 credit hours	Freshman
Second Level	More than 34 up to 70 credit hours	Sophomore
Third Level	More than 70 up to 106 credit hours	Junior
Fourth Level	More than 106 up to 142 credit hours	Senior 1
Fifth Level	More than 142 up to 180 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+.

Examples of student activities

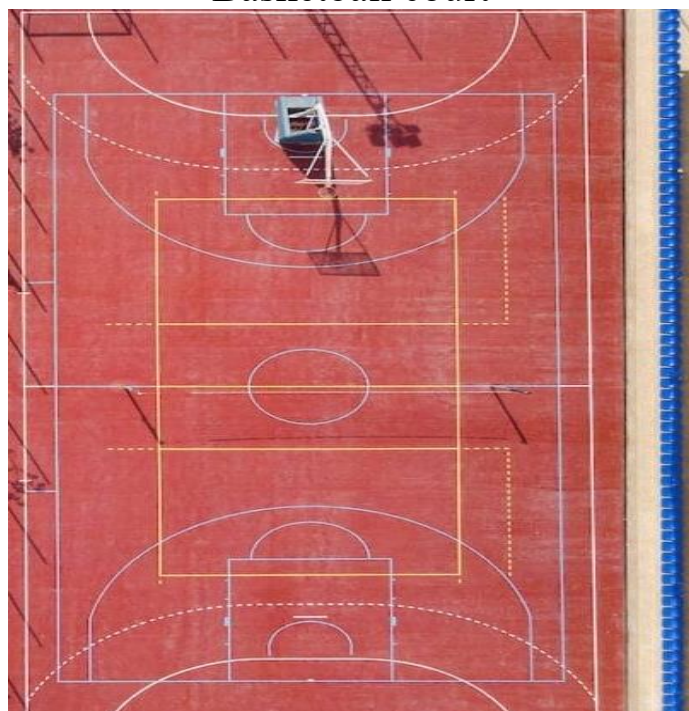
Football pitch



GYM



Basketball court



Billiards Hall



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.

Adopted Academic Standards (NARS/ARS): NARS

DOMAIN 1- FUNDAMENTAL KNOWLEDGE

1-1COMPETENCY

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- 3COMPETENCY

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 Faculties in all Egyptian universities as of the current academic year 2023–2024.

Q4: Will the methods of students' evaluation differ?

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.