



**Summer Training specification  
2023-2024  
Clinical Pharmacy Program  
Faculty of Pharmacy  
Mansoura University**



**بكالوريوس الصيدلة الاكلينيكية  
(لائحة الصيدلة الاكلينيكية)**

**Specification of Summer Training**

**Academic year: 2023/2024**

**Approved from Faculty Council No. (775) 24/10/2023**



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### A-Basic Information:

University	Mansoura
Faculty	Pharmacy

1	Program Title	Clinical Pharmacy Program
2	Program Type	Single
3	Program Specification of First Field Training approval	24/10/2023
4	Last date of Pharm D program specifications approval	20/9/2023
5	Language study	English

5-

### التدريب الصيفي:

- يؤدي الطالب تدريباً عملياً في مؤسسة صيدلانية أو أكثر لمدة 200 ساعة وذلك خلال العطلة الصيفية بعد اجتياز الطالب المستوى الثاني، على ألا يقل التدريب اليومي عن خمسة ساعات ، وذلك وفقاً للائحة البرنامج.
- لا يمنح الطالب درجة بكالوريوس الصيدلية الاكلينيكية إلا بعد اجتياز التدريب في إحدى المؤسسات الصيدلانية بنجاح. ويعتبر الطالب مجتازاً لهذا التدريب بنجاح إذا أداه على وجه مرضٍ من خلال:
- 1- تقرير المشرفين الذين يعينهم مجلس الكلية للأشراف على التدريب بعد اعتماداً من مجلس الكلية ، حيث يقوم مشرف التدريب باستيفاء نموذج 2 الخاص والذي يتضمن تقييم التدريب من حيث المهارات السلوكية ومهارات التواصل ومهارات استخدام الوقت والمهارات المهنية التي اكتسبها الطالب خلال فترة التدريب
- 2- تقديم شهادة موقع عليها من مدير المؤسسة الصيدلانية مبين المدة التي قضاها في التدريب ونوع التدريب وأنه قد أداه على وجه مرضٍ. وكذلك يقدم مدير المؤسسة الصيدلانية نموذج 1 الذي يتم من خلاله تقييم المهارات المختلفة التي يكتسبها الطالب خلال فترة التدريب والتي تشمل على المهارات السلوكية ومهارات التواصل والمهارات المهنية ومهارات استخدام الوقت
- 3- يشترط لاستكمال التدريب حضور دورتين على الأقل من الدورات التي ستقام في الكلية ، وذلك خلال الفترة من بداية الفصل الدراسي الثاني للمستوي الثالث حتى نهاية المرحلة الثانية من التدريب ، ولن يتم اعتماد اجتياز التدريب الصيفي الا بتقديم افادة بحضور الدورات معتمدة من ادارة الكلية.
- يقدم كل طالب تقرير عن مدة التدريب يوضح به ما تم إنجازه ومدى الاستفادة من التدريب كما يقوم باستيفاء الاستبيان المرفق.
- يتم تقييم التدريب بحيث تكون النهاية الكبرى 100 درجة والصغرى 60 درجة توزع كالاتي:
- 1- (25) درجة يختص بها مدير الصيدلية و يتم وضعها (وفقاً لنموذج 1) إلي:



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- المهارات السلوكية ومهارات التواصل ( 7.5 ).
- مهارات مهنية ( 12.5 ) .
- مهارات استخدام الوقت ( 5 ) .
- 2- ( 75 ) درجة يختص بها مشرف التدريب ويتم تقسيمها وفقاً لنموذج (2) إلى:
  - - (25) درجة لتقييم:
  - المهارات السلوكية ومهارات التواصل ( 10 ) .
  - مهارات استخدام الوقت (15).
  - - (50) درجة لتقييم:
  - المهارات المهنية ويتم تقييمها من خلال ( Activity Portfolio )

- يتم تقييم التقارير المقدمة من المشرفين بمعرفة لجنة شئون الطلاب بالكلية وذلك تمهيداً لاعتمادها من مجلس الكلية.
- يجوز أن يتم التدريب كله أو بعضه في الصيدليات الخاصة أو مصانع الأدوية أو في الصيدليات الحكومية ، كما يجوز أن يتم داخل معامل الكلية لبعض الطلاب المتفوقين طبقاً لرغبات الطلاب ويجوز تأدية جزء من التدريب بالصيدلية الافتراضية بالكلية. كذلك يجوز أن يتم التدريب خارج جمهورية مصر العربية لمن يرغب من الطلاب وذلك على نفقة الطالب الخاصة ، وبناء على طلب يتقدم به الطالب قبل بدء فترة التدريب مشفوعاً بتوصية من لجنة شئون التعليم والطلاب وبعد موافقة مجلس الكلية



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## **B- Professional information**

### **1- Summer Training Aims:**

- Acquire the functional skills required by the pharmacy profession.
- Training in decision-making and how to assume responsibility and allow the opportunity to engage in practical life with the necessary awareness.
- Allow the student to connect the theoretical (knowledge gained), practical and practice aspects.
- Establish the love of useful and beneficial work for the student community and value the interaction and joint engagement with the community in which he lives.
- Building a bridge between the working market and the students of the college on the one hand and the working market and faculty members on the other hand and the development of study plans in each specialty, and the definition of the training facilities available in the college.
- Providing the student with the knowledge, experience and skills of working in a team.
- Provide the student with time management skills and organization and the importance of this to the pharmaceutical establishment.
- Provide the student skills to deal with members of the community outside the University.

### **2- Summer Training key elements**

Upon completing the course, the student will be able to dominate the following key elements

#### **DOMAIN 1- FUNDAMENTAL KNOWLEDGE**

<b>Program K. element no.</b>	<b>Summer Training K. element no.</b>	<b>Summer Field Training K. element</b>
<b>1-1-2</b>	<b>1-1-2-1</b>	Use appropriate pharmaceutical and medical terminology in pharmacy practice and recall scientific names of drugs.
<b>1-1-4</b>	<b>1-1-4-1</b>	Recognize the properties of drugs including how they work, uses, dosage, contraindications and interactions.
<b>1-1-7</b>	<b>1-1-7-1</b>	Analyze new information, including evidence-based information, that may be applicable to pharmaceutical industry and patient care



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**DOMAIN 2: PROFESSIONAL AND ETHICAL PRACTICE**

Program K. element no.	Summer Training K. element no.	Summer Field Training K. element
2-2-2	2-2-2-1	Apply the fundamental requirements of quality management system when storing and distributing pharmaceutical products.
2-4-2	2-4-2-1	Apply ingenious methods in first aid methods.
2-4-4	2-4-4-1	Evaluate toxic effect of drug.
2-6-1	2-6-1-1	Understanding the pharmacy management principles including financial management and human resources management
2-6-2	2-6-2-1	Identify the principle of drug sales, marketing business management

**DOMAIN 3: PHARMACEUTICAL CARE**

Program K. element no.	Summer Field Training K. element no.	Summer Field Training K. element
3-2-3	3-2-3-1	Identify the natural medicines used in scientific framework to treat some diseases.
3-2-4	3-2-4-1	Give detailed information information about toxic and narcotic drugs and recognize their severity
3-2-5	3-2-5-1	Provide education to support the patients, and community in making informed decisions about their care plan.
	3-2-5-2	Advise patients about safe, effective and cheap medication therapy including OTC.
3-2-6	3-2-6-1	Maintaining public awareness and raising awareness of health and community risks from wasteful and drug abuse .



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**DOMAIN 4: PERSONAL PRACTICE**

Program K. element no.	Summer Field Training K. element no.	Summer Field Training K. element
4-1-1	4-1-1-1	Apply effective time management skills and share decision-making activities with other with other pharmacy team members and non-pharmacy team members
4-1-3	4-1-3-1	Participate in development of entrepreneurial, creativity and marketing skills.
4-2-1	4-2-1-1	Use clear language, pace, tone and non-verbal communication and writing skills when dealing with patients, other health team and communities.
4-3-2	4-3-2-1	Practice self and independent learning.

**3- Summer Training contents: -**

Topics	Hours
Good practice of OTC drugs, diseases management, drug therapy, reading and dispensing prescriptions and patient counseling skills	200 hours.

**4-Teaching and learning methods -**

Methods	fundamental knowledge	professional and ethical practice	pharmaceutical care	personal practice
Self-learning in community and hospital pharmacies/ present activity portfolio report	1-1-2-1/1-1-4-1/1-1-7-1	2-2-2-1/2-4-2-1/2-4-4-1/2-6-1-1/2-6-2-1	3-2-3-1/3-2-4-1/3-2-5-1/3-2-5-2/ 3-2-6-1	4-1-1-1/4-1-3-1/4-2-1-1/4-3-2-1
Lectures during summer vacation following the termination of the third year exams	1-1-2-1/1-1-4-1/1-1-7-1	2-2-2-1/2-4-2-1/2-4-4-1/2-6-1-1/2-6-2-1	3-2-3-1/3-2-4-1/3-2-5-1/3-2-5-2/ 3-2-6-1	4-1-3-1/4-2-1-1



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### 5-Matrix of Summer Training contents to program K. elements:

Content	fundamental knowledge	professional and ethical practice	pharmaceutical care	personal practice
Good practice of OTC drugs, diseases management, drug therapy, reading and dispensing prescriptions and patient counseling skills	1-1-2-1/1-1-4-1/1-1-7-1	2-4-2-1//2-4-4-1/2-6-1-1/2-6-2-1	3-2-3-1/3-2-4-1/3-2-5-1/3-2-5-2/ 3-2-6-1	4-1-1-1/4-1-3-1/4-2-1-1/4-3-2-1

### 6-Academic standards

#### a- External References for standards (Benchmarks) (لجنة القطاع المختصة)

External References for Standards (Benchmarks). The faculty is adapting the national academic reference standard for pharmaceutical education.

### 7- Curriculum Structure and contents

7.a- Program duration	200 hours
7.b- Program structure	200 hours in the summer following the termination of the second year exams.
7.c- Number of hours	Not less than 5 hours per day in a flexible part-time schedule, evenings and weekends.

### 8- Program admission requirements :

Rules established by the faculty council; bylaws of bachelor of Clinical Pharmacy Program credit hour system

### 9- Regulations for progression and program completion:

9.1- Rules established by faculty council.

9.2- Bachelor of clinical pharmacy credit hour system.

9.3- The whole or a part of the summer training can be accomplished in community pharmacies, pharmaceutical and drug companies and in hospital pharmacies. It can also take place in the faculties' laboratories for some students based on their personal wishes



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9.4-The summer training can also take place outside the Arab Republic of Egypt for those students who are willing to take it but on the student's personal expenses and this is based on an application presented by the student before the start of the duration of the summer training to the faculty's council after recommendation education and student Affairs Committee.

9.5- Part of field training can be held at the College's Virtual Pharmacy

## **10- Evaluation (assessment) of program:**

### **a- Staff members and their assistants (assistant lecturers)**

Each supervisor is intended to supervise 20 students.

- The student must complete not less than 200 hour per summer in the establishment where he is intended to take his summer training course, the advisors visit the students at their training locations and attendance schedule is filled by the director of the pharmaceutical institution.
  - Assignments; academic advisors usually give the students assignments (activity portfolio) that they are required to hand over by the end of the training course. The supervisors usually discuss these assignments with the students to assess the extent of benefit they gained along the training course.
  - The supervisor of the training shall complete the form 2 which includes the evaluation of training in terms of behavioral skills, communication skills, time use skills and professional skills acquired by the student during the training period.
  - Each student will submit a report on the duration of the training indicating what has been achieved and the extent of benefiting from the training and completing the attached questionnaire
- 
- This report is to be evaluated by both:
    - 1-The academic supervisor assigned by the faculty council.
    - 2- The director of the pharmaceutical institution

### **b- Stakeholders (Employers)**

- The student must complete not less than 200 hour per summer in the establishment where he is intended to take his summer training course.
- This is confirmed at the end of the duration of the training course by a report signed by the director of the institution. The director of the pharmacy institution also complete form 1 which evaluates the various skills acquired by the student during the training period, which includes behavioral skills, communication skills, professional skills and time use skills





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## **11-Assessment (Timing and degree)**

- Faculty board and the committee of student affairs.
- The student is not to be awarded the degree of Bachelor in pharmacy until he fulfills the exact specified duration of the summer training (200 hours) and attendance of at least 2 training courses.
- By the end of the duration of the training the student presents his report to the academic supervisor. The report is evaluated so that the maximum is out of 100 degree and the minimum is out of 60 degrees; they are distributed as follows:

### **25 marks for the pharmacy manager, which will be developed (according to form 1) to:**

- Behavioral skills and communication skills (7.5).
- Professional skills (12.5).
- Time-use skills (5).

### **75 marks specialized training supervisor and are divided (according to form 2) to:**

#### **• 25 marks to evaluate:**

- Behavioral skills and communication skills (10).
- Time Use Skills (15).

#### **• 50 marks to evaluate:**

- Professional skills are assessed through (Activity Portfolio).

## **12 - Enhancement and improvement plans:**

- Enhance communications with all stakeholders via email and other new technologies such as social networks
- Enhance and improve the assessment and evaluation system which permits the continuous improvement of administrative workflow processes. Improved operations, practices and procedure
- Increase specific training courses related to the field of pharmacy practice

### **Training courses proposed:**

- Pharmacy Practice
- First Aid
- Rational use of antibiotics
- Pharmaceutical marketing & sales
- Pharmacy laws
- Ethics, Leadership and decision making
- Communication and negotiation skills
- Entrepreneurship



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- Types of clinical trials
- Therapeutic drug monitoring and dose adjustment in special population
- Pharmaceutical care plan of common diseases and economic evaluation

**Program Director**

**Associate professor Marwa Salah  
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**Vice Dean  
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