COURSE REPORTS Faculty of Pharmacy

First level – Semester 2

Bachelor of Pharmacy(Clinical Pharmacy)

2019-2020

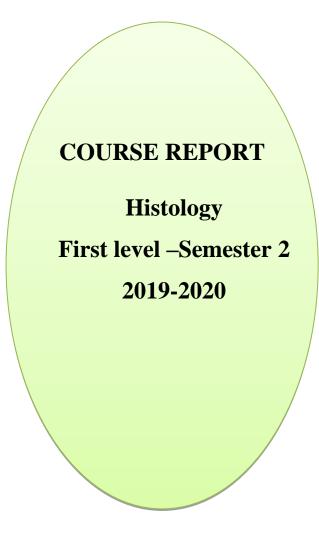
CONTENTS

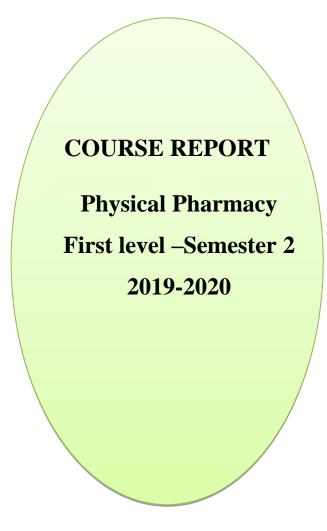
1.	Pharmaceutical Organic Chemistry II	3
2.	Pharmaceutical Analytical chemistry- 1	9
3.	Pharmacognosy-1	17
4.	Histology	25
5.	Physical pharmacy	31
6.	Pharmacy orientation	38
7.	Human rights	44

COURSE REPORT Pharmaceutical Organic Chemistry II First level –Semester 2 2019-2020









Second term Course Report

University: Zagazig Faculty: Pharmacy

Department: Pharmaceutics

A – Basic Information:

1. Title and Code: Physical pharmacy (PT201)

Program(s) on which this course is given: Bachelor of clinical pharmacy

2. Year / Level of programs: Level one (Second semester)

3. Units / Credit hours:----

ectures 2hrs.	Practical sessions	2hrs.	Total	3hrs.
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4. Names of lecturers contributing to the delivery of the course:

Prof. Dr/ Mhamoud Abd Elgany

Prof. Dr/Hanan El-Nahhas

Prof. Dr/ Nagia Ahmad El-Megrab

5. Course coordinator:

• Prof. Dr/ Dr/Hanan El-Nahhas

6. External evaluator:

Prof. Dr/ Thanaa Mohamed E Borg, Mansoura University

B- Statistical Information:

No. of students attending the course				14		1009	%
No. of students completing the course				12		85.7	7%
Results:							
Passed	12	100%	Failed -		-		0.0%
Grading of successful students:							
Excellent	-	-	Ver	y good	-		-
Good	-	-	Pass	}	12		%100
weak	-	-	Fail	ed	-		-

C- Professional Information:

1- Course teaching:

Торіс	No of hours	Lecturers
State of matter and intermolecular forces:	4	
Phase equilibrium and Phase rule	2	Prof. Dr/Hanan El-Nahhas
Surface tension and Interfacial phenomenon	2	
Surface active agents	2	
Adsorption	2	
Rheology	4	Prof. Dr/ Mhamoud Abd Elgany
Solubility and factors affecting solubility	4	
Colligative properties of solutions	2	Prof. Dr/ Nagia Ahmad El-
Isotonicity	2	Megrab
Buffer and buffer capacity	2	
Dissolution phenomena	2	
Partition coefficient	2	

Topics taught as a percentage of the content specified:

>90 %	V	70 – 90 %	<70%	

Because of Corona pandemic Power point presentation were prepared

by students and send via email for assessment as activity

2- Teaching and learning methods:

Lectures	V	

Practical Training / Laboratory	-
Seminar / Workshop	-
Class activity	-
Case study	-
Other assignment / homework	V

If teaching and learning methods were used other than those specified, list and give reasons:

Telegram Chanel was used, during the COVID-19 pandemic, to deliver lectures and practical work demonstration

Students were asked to prepare Power point presentation and send via email for assessment as activity

3- Course learning outcome assessment:

The evaluation methods were changed according to the decision of the Supreme Council of Universities because of the COVID-19 Pandemic. The final written exam was replaced by written report in a course-related fundamental subjects. Through the telegram channel and via orientation lectures, as well as rules for report writing and review, the students were informed of each report goal. Students results were announced. All the reports were assessed according to the pass or fail scale and no marks or grades were reported as a result.

3- List of projects:

Teaching staff	List of projects
Prof. Dr./ Nagia El- Meghrab	Physicochemical properties of drug molecules and
Prof. Dr. /Hanan El-Nahhas	excipients are essential for the design and formulation of pharmaceutical dosage form. Write a report including
Prof. Dr. / Mahmoud Abd	the fundamental concepts (definition, equations and units), factors affecting the property, application in
Elgany	pharmacy and measurement (When applicable) of the: Project 1

	1. States of matter and Phase equilibrium
	2. Rheological behavior of dosage form
	3. Colligative properties of solution and isotonicity
Pr	roject 2
	1. Surface active agents,
	2. Rheological behavior of dosage form
	3. Solubility
Pr	roject3
	1. States of matter and Phase equilibrium
	2. Rheological behavior of dosage form
	3. Partition coefficient
Pr	roject 4
	1. Surface active agents
	2. Rheological behavior of dosage form
	3. Buffer and buffer capacity
$\mathbf{p_r}$	roject 5
	States of matter and Phase equilibrium
	2. Rheological behavior of dosage form
	3. Dissolution
$ $ $\mathbf{p_r}$	roject 6
	Surface and interfacial phenomena
	2. Rheological behavior of dosage form
	3. Solubility
D _r	roject 7
	States of matter and Phase equilibrium
	2. Rheological behavior of dosage form
	3. Colligative properties of solution and isotonicity
L	

4- Facilities and Teaching Materials:

Totally adequate

Adequate to some extent	√
Inadequate	

List any inadequacies: List any inadequacies:

Bad internet and trouble uploading lectures by the staff and difficulty of downloading for most of the students

5- Administrative constraints:

Absence of electronic platform at the university, lack of well-equipped computer lab with strong internet connectivity and IT technician to assist teachers when it is difficult

6- Student evaluation of the course:

List any criticism	Response of course team
Students were generally pleased with the course, but in they complained about :	-Implement report writing as an evaluation method
o enough time to prepare the report	-Successful scheduling of student projects in terms of time, follow-up, goals, references and evaluation
ifficulty in contacting certain members of the team for follow-up from	criteria
ifficulty in getting the references	

7- Teaching staff evaluation of online learning and student assessment by projects:

Some staff members were not pleased with online learning due to some problems that staff and students could face, such as unavailability of computers or poor internet connections. Lack of a centralized forum or platform to coordinate the process of contact with students.

No lecture recording studio available for faculty staff to record lectures

8- Comments from external evaluator(s):

This course was evaluated by external evaluator in the academic year 2018-2019. The evaluator was satisfied about the course contents and ILO's

9- Course Enhancement:

Action	State whether completed or not and give reasons for any non-completion	
Divide the practical marks on two	Not completed due to suspension	
exams and lab evaluation to ensure	of the study because of COVID-19	
maximum benefit of the students.	pandemic	

9- Action plan for academic year 2020–2021:

Action required	Completion date	Person responsible
Divide the practical marks on two exams, lab evaluation, internet research report and presentation	2020/2021	Course team
Apply blended learning strategy	2020/2021	Course team
Establishment of electronic platform	2021/2022	Faculty administration

Course Coordinator: Prof. Dr/ Nagia Ahmed El megrab

Signature:

Date: course report is approved in department council on / /2020



