

COURSE REPORTS

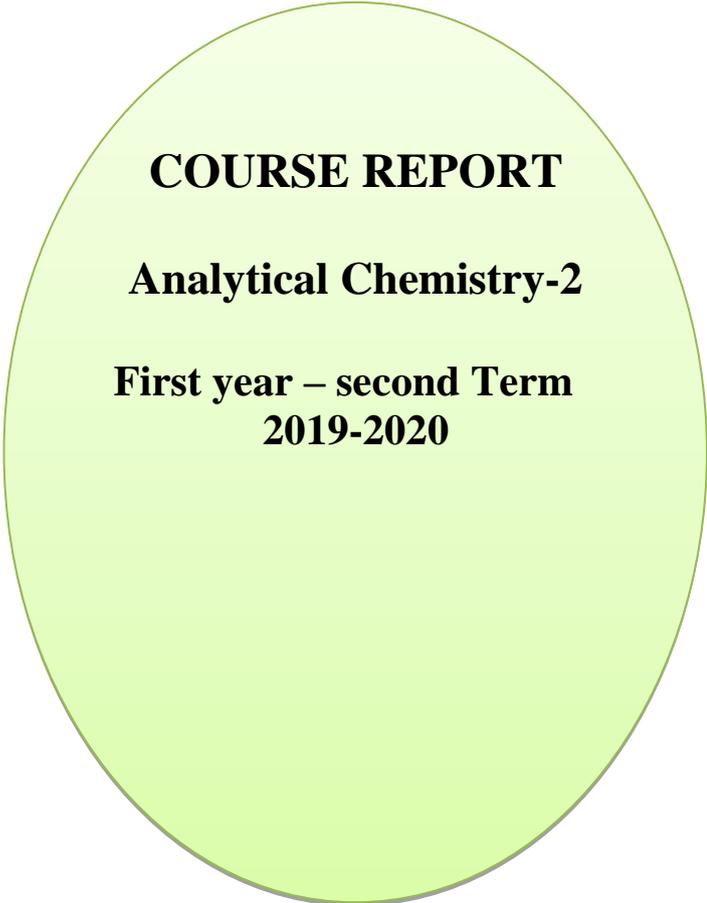
Faculty of Pharmacy

First year – Second Term

2019-2020

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COURSE REPORT

Analytical Chemistry-2

**First year – second Term
2019-2020**

Annual Course Report for Analytical Chemistry-2

University: Zagazig
Chemistry

Faculty: Pharmacy

Department: Analytical

Course Report

A- Basic Information

1. Title and code: Analytical Chemistry 2 (AC 122)
2. Program (s) on which this course is given: Bachelor of Pharmacy
3. Year/ Level of program: first year (second term)
4. Units/Credit hours:

Lectures Tutorial/Practical Total

5. Names of lecturers contributing to the delivery of the course

- Prof. Dr. Hisham Ezzat abdel Latif
- Assis. Prof. Dr. Manal El masry
- Dr. Yasmine Sharaf
- Course co-ordinator: Prof. Dr. Hisham Ezzat abdel Latif

7. External evaluator: Prof. Dr. Maha Abdel Monem Hegazy – prof . of Analytical Chemistry- Faculty of pharmacy- Cairo University

B- Statistical Information

No. of students attending the course: No. %

No. of students completing the course: No. %

Results:

Passed: No. % Failed: %

No.

Grading of successful students:

Excellent: No. % Very Good: %
 No.
 Good : No. % Pass: %
 No.

C- Professional Information

1 - Course teaching

Topics actually taught	No. of hours	Lecturer
-Carbonates and bicarbonates -Sulfur containing anions -Halides	4 hrs	Ass. Prof. Dr. Manal Elmasry
Cyanogen anions -Arsenic & phosphate containing anions -Nitrogen containing anions	5 hrs	Dr. Yasmine Sharaf
Difficulties: Oxidizing agents -Difficulties: Phosphates	2 hrs	Prof. Dr. Hisham Ezzat
Difficulties: Insolubles - Difficulties: Organic matter	2 hrs	
Revision & general discussion	1hr	

Topics taught as a percentage of the content specified:

>90% 70-90% <70%

Reasons in detail for not teaching any topic

If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

Case Study:

Other assignments/homework:

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

Because of Corona pandemic and suspension of the study since 15 March, the lectures and laboratory were delivered to the students through telegram channel.

3- Course learning outcome assessment:

Because of Corona Pandemic, the assessment methods were modified according to the decision of Supreme Council of Universities.

The final written exam was replaced by preparation of project in a topic related to the course. Each project objectives were announced to the students through orientation lecture as well as rules for preparation and assessment of the project. After receiving and assessing the projects, feedback about students performance was announced to the students as well. All the projects were evaluated according to the scale of pass or fail and so no marks or grades were recorded. Practical exam was delivered as written questions.

List of projects:

Teaching staff	List of projects
Associate Prof. Manal Elmasry	Each student assigned a name of anion and he/she has to cover the following items in his project: Chemical formula , molar mass Occurrence in nature (if available) Physical properties Chemical properties (chemical reactions) in details Specific tests in details Uses or hazards

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

Poor internet connectivity that make uploading and downloading of lectures difficult for staff and student

No interactive sessions or group discussion available on telegram

5- Administrative constraints:

Absence of well-equipped computer lab with good internet connection and IT technician to help teaching staff if there is any difficulty in preparing and uploading lectures

6- Student evaluation of the course:

Students evaluation of the course	Response of course team
Because of this program was shifted to pharm D, so no students evaluation	

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

- Generally, staff members were satisfied about online learning but they mentioned problems that students may face like unavailability of computers or weak internet connection
- Unavailability of formal platform for the faculty to organize the interaction process with students
- Unavailability of teaching studio equipped with audiovisual facilities for recording lectures

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
Because of this program was shifted to pharm D, no external evaluation was done	

8- Course enhancement:

Action	State whether or not completed and give reasons for any non-completion
	The course is no longer thought in Pharm D bylaw

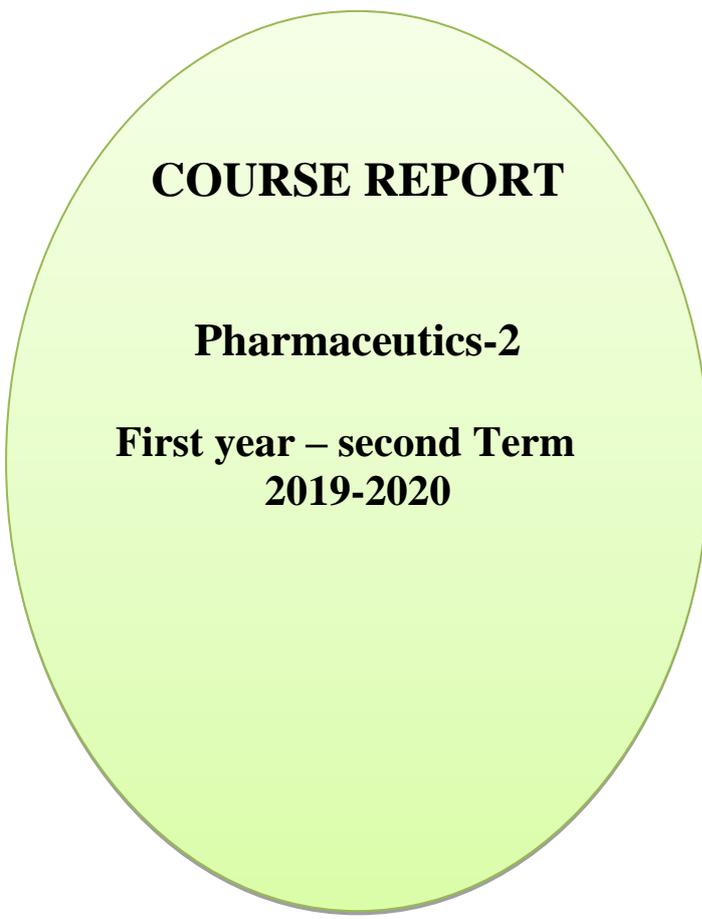
9- Action plan for academic year 2020-2021:

Action required	Completion date	Person responsible
No action plan as Pharm D program will be delivered		

Course coordinator: Prof. Dr. Hisham Ezzat

Signature:

Date: 9/2020



COURSE REPORT

Pharmaceutics-2

**First year – second Term
2019-2020**

First term Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmaceutics

A – Basic Information:

1. **Title and Code:** Pharmaceutics II (PC 121)
2. **Program(s) on which this course is given:** Bachelor of Pharmacy
3. **Year / Level of programs:** First year (Second semester)
4. **Units / Credit hours:**-----

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

Prof .Dr / Mahmoud Abd Elgany
Prof. Dr/Hanan El-Nahhas
Prof. Dr/ Nagia Ahmad El-Megrab

6. Course coordinator:

- Prof. Dr/ Nagia Ahmad El-Megrab

7. External evaluator:

Prof. Dr. Mohamed Attia Shafie, Assiut University

B- Statistical Information:

No. of students attending the course		101	100%		
No. of students completing the course		27	26.7%		
Results:					
Passed	27	100%	Failed	-	0.0%
Grading of successful students:					
Excellent	-	-	Very good	-	-
Good	-	-	Pass	27	% 100
weak	-	-	Failed	-	-

C- Professional Information:

1- Course teaching:

Topic	No of hours	Lecturers
State of matter and intermolecular forces:	4	Prof. Dr/Hanan El-Nahas
Phase equilibrium and Phase rule	2	
Surface and Interfacial phenomenon	4	
Surface characteristics and surface active agents	2	
Adsorption	2	
Rheological flow characteristics of liquids and semi-solids	4	• Prof .Dr / Mahmoud Abd Elgany
Solubility of solid in liquid	4	Dr/ Nagia Ahmad El-Megrab
Properties of solutions	2	
Buffer solutions	2	
Isotonic solutions	2	
Complexation and protein binding:	2	

Topics taught as a percentage of the content specified:

>90 %	√	70 – 90 %		<70%	
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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	√
Practical Training / Laboratory	-
Seminar / Workshop	-
Class activity	-
Case study	-
Other assignment / homework	√

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 subject. 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. Feedback about the students success was also announced to the students after obtaining and reviewing the reports. All the reports were assessed according to the pass or fail scale and no marks or grades were reported as a result.

4- List of projects:

Teaching staff	List of projects
Prof.Dr./ Nagia el megrab Prof. Dr/Hanan El-Nahhas Prof .Dr / Mahmoud Abd Elgany	Physicochemical properties of drug molecules and excipients are essential for the design and formulation of pharmaceutical dosage form. Write a report including the fundamental concepts (definition, equations and units), factors affecting the property, application in pharmacy and measurement (When applicable) of the: Project 1 <ol style="list-style-type: none"> 1. States of matter and Phase equilibrium 2. Rheological behavior of dosage form 3. Colligative properties of solution and isotonicity Project 2 <ol style="list-style-type: none"> 1. Surface and interfacial phenomena 2. Drug reaction rate and stability 3. Buffer and buffer capacity Project 3

	<ol style="list-style-type: none"> 1. Surface active agents, 2. Rheological behavior of dosage form 3. Solubility <p>Project 4</p> <ol style="list-style-type: none"> 1. Adsorption 2. Drug reaction rate and stability 3. Dissolution <p>Project 5</p> <ol style="list-style-type: none"> 1. States of matter and Phase equilibrium 2. Rheological behavior of dosage form 3. Partition coefficient <p>Project 6</p> <ol style="list-style-type: none"> 1. Surface and interfacial phenomena 2. Drug reaction rate and stability 3. Colligative properties of solution and isotonicity <p>Project 7</p> <ol style="list-style-type: none"> 1. Surface active agents 2. Rheological behavior of dosage form 3. Buffer and buffer capacity <p>Project 8</p> <ol style="list-style-type: none"> 1. Adsorption 2. Drug reaction rate and stability 3. Solubility <p>Project 9</p> <ol style="list-style-type: none"> 1. States of matter and Phase equilibrium 2. Rheological behavior of dosage form 3. Dissolution <p>Project 10</p> <ol style="list-style-type: none"> 1. Surface and interfacial phenomena 2. Rheological behavior of dosage form
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	<p>3. Solubility</p> <p>Project 11</p> <ol style="list-style-type: none"> 1. States of matter and Phase equilibrium 2. Rheological behavior of dosage form 3. Colligative properties of solution and isotonicity <p>Project 12</p> <ol style="list-style-type: none"> 1. Surface and interfacial phenomena 2. Drug reaction rate and stability 3. Buffer and buffer capacity
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Evaluation of course content and final exam :

4- Facilities and teaching materials:

Totally adequate

-

Adequate to some extent

√

Inadequate

-

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 to plan and upload lectures

6- Student evaluation of the course:

List any criticism	Response of course team
<p>Students were generally pleased with the course, but in they complained about :</p> <p style="text-align: center;">No enough time to prepare the report</p>	<p>-Implement report writing as an evaluation method</p> <p>-Successful scheduling of student projects in terms of time, follow-up, goals, references and evaluation criteria</p>

Difficulty in contacting certain members of the team for follow-up from	
Difficulty 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):

- The course was well designed
- ILOs were properly written

8- Course Enhancement:

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

9- Action plan for academic year 2020– 2021:

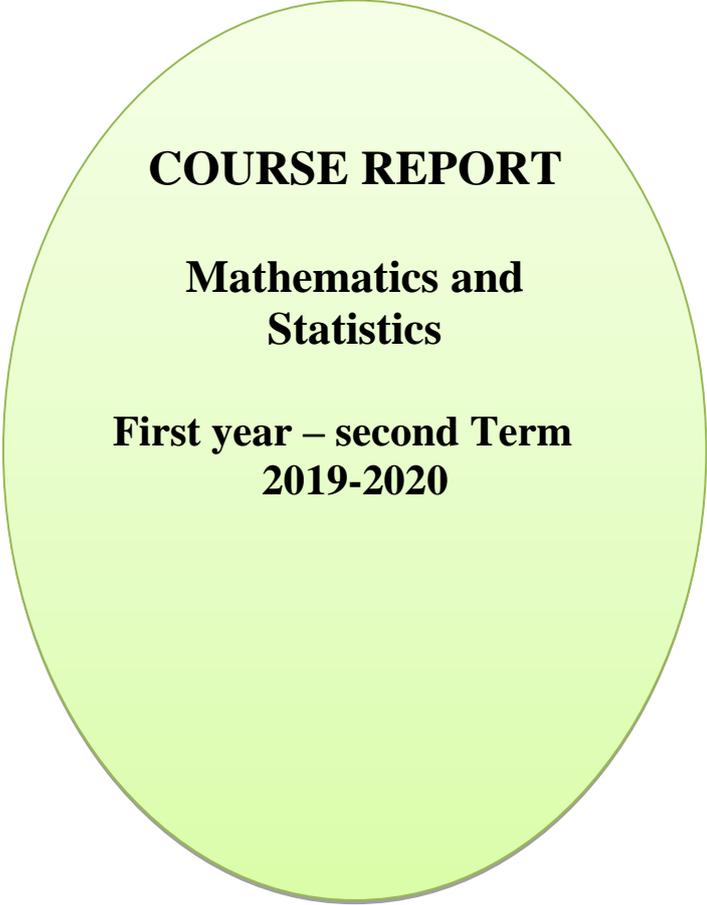
Action required	Completion date	Person responsible
Divide the practical marks on two exams, lab evaluation, internet research report and presentation	2020/2021	Course team
Apply blended learning strategy	2020/2021	Course team

Establishment of electronic platform	2021/2022	Faculty administration
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Course Coordinator: Prof. Dr/ Nagia Ahmed El-megrab

Signature:

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



COURSE REPORT

**Mathematics and
Statistics**

**First year – second Term
2019-2020**



COURSE REPORT

**Human Rights and
Professional
Ethics**

**First year – second Term
2019-2020**

