

COURSE REPORTS

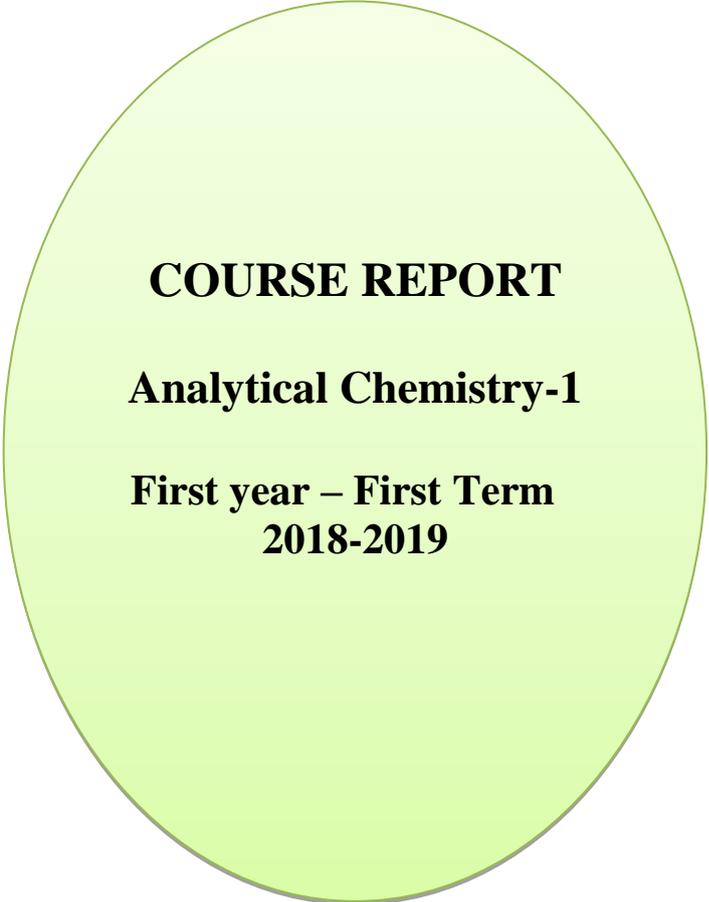
Faculty of Pharmacy

First year – First Term

2018-2019

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COURSE REPORT

Analytical Chemistry-1

**First year – First Term
2018-2019**

Annual Course Report for Analytical Chemistry-1

University: Zagazig Faculty: Pharmacy Department: Analytical Chemistry
Course Report

A- Basic Information

1. Title and code: Analytical Chemistry I (AC 110)
2. Program (s) on which this course is given: Bachelor of Pharmacy
3. Year/ Level of program: first year (first semester)
4. Units/Credit hours:

Lectures Tutorial/Practical Total

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

- Prof. Dr. Magda El Henawee
- Asst. Prof. Dr. Manal Samir El masry
- Dr. Yasmine Sharaf

6. Course co-ordinator: Prof. Dr. Magda El Henawee

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. %

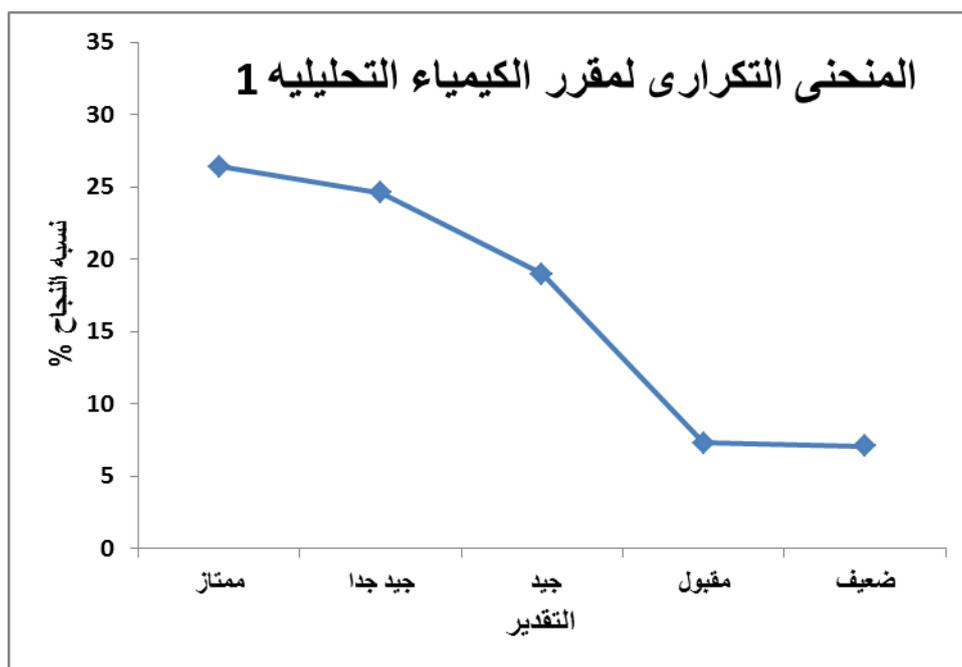
Results:

Passed: No. % Failed: %
No.

Grading of successful students:

Excellent: No. % Very Good: %
No.

Good : No. % Pass: %
No.



The results show high excellent and v. good rate and this may be attributed to that the experimental trial electronic exam conducted by the teaching staff which helped student getting familiar with different types of exam questions and can have the exam more than one time so students were well prepared to the final exam

C- Professional Information

1 - Course teaching

Topics actually taught	No. of hours	Lecturer
Introduction to qualitative analysis: -Properties of aqueous solution -Law of mass action - Displacement of equilibrium -Solubility product - Dissolution of precipitates -Types of complex ions - ionic reactions Balancing chemical equations -Amphoterism Separation and identification of group I cations Separation and identification of group II cations	8 hrs	Ass. Prof. Dr. Manal Elmasry
Separation and identification of group III cations	5 Hrs	Dr. Yasmine Sharaf

Separation and identification of group IV cations		
Separation and identification of group V cations		
Separation and identification of group VI cations		
Revision & general discussion	1	

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:	<input checked="" type="checkbox"/>
Practical training/ laboratory:	<input checked="" type="checkbox"/>
Seminar/Workshop:	<input type="checkbox"/>
Class activity:	<input checked="" type="checkbox"/>
Case Study:	<input type="checkbox"/>

Other assignments/homework:

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

Discussion sessions to develop the interaction between students and lecturer and illustrate the unclear issues.

3- Student assessment:

Method of assessment

Percentage of total

Written examination

60 %

Oral examination	20 %
Practical/laboratory work	20 %
Other assignments/class work	
Total	100 %

Course learning outcome assessment:

A- Knowledge and Understanding		Assessment method
a1	Describe principles of qualitative analysis, properties of aqueous solutions, solubility and ionic products.	Written exam Oral exam
a2	Identify different types of complexes, ionic reaction and balancing chemical equations.	Written exam Oral exam
a3	Describe methods of separation and identification of different cation groups	Written exam Oral exam
B- Professional and Practical Skills		
b1	Handle and dispose chemicals safely.	Practical exam
b2	Separate and identify various groups of cations.	Practical exam
C- Intellectual Skills		
c1	Identify different cations from different groups	Practical exam
c2	Apply the suitable scheme for separation and identification of simple mixtures.	Written exam Practical exam Oral exam
D- General and Transferable Skills		
d1	Develop critical thinking, problem solving and decision making skills	Practical exam Oral exam

Members of examination committee:

- Prof. Dr. Magda El Henawee
- Ass. Prof. Dr. Manal El masry
- Dr. Yasmine Sharaf

Role of external evaluator:

The course content and final exam of the second semester was revised by

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

- Inadequate lighting and ventilation system in lecture halls.
- Insufficient lab supplies (Chemicals)

5- Administrative constraints:

- Space constrains due to large number of students
- Insufficient budget for lab chemicals.

6- Student evaluation of the course:

Students evaluation of the course	Response of course team
Decrease the number of equations	Will try to keep the most important equations
The time of the exam is short	It is according to the program bylaw but will try to decrease the number of questions as suitable to the exam time

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
The course is well designed, the ILOs are clear and can be measured	

8- Course enhancement:

Action	State whether or not completed and give reasons for any non-completion
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Improving the student book to be more attractive and interesting.	continues
Encouragement students for self-learning	continues

9- Action plan for academic year 2019-2020:

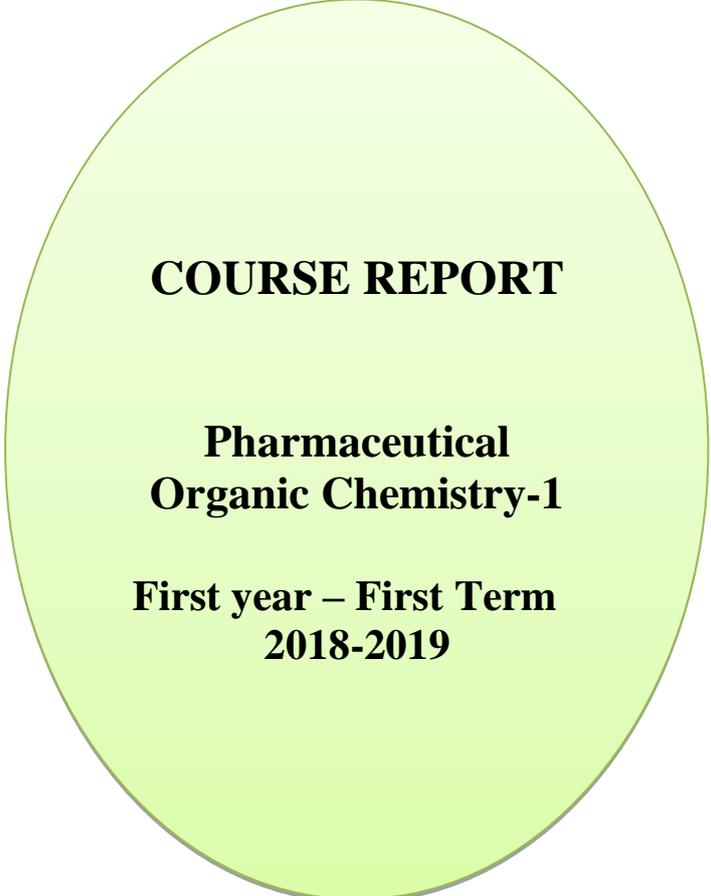
Action required	Completion date	Person responsible
Emphasizing the importance of course contents and its close correlation with quality control and trace elements detection	2019-2020	- Course team
Improvement of student book to be more attractive	2019- 2020	- Course team
Consider correlation of exams question with exam duration	2019- 2020	Course team
Measurement of ILOS of course	2019- 2020	Course team

Course coordinator: Prof. Dr. Magda El Henawee

Signature:

Date:

/ /
المشرف على تسيير اعمال القسم أ.د./ هشام عزت عبد اللطيف



COURSE REPORT

**Pharmaceutical
Organic Chemistry-1**

**First year – First Term
2018-2019**

**Course Report of POC-110
(2018-2019)**

University: Zagazig
Organic chemistry

Faculty: Pharmacy

Department:

A- Basic Information:

1. Title and code: Pharmaceutical Organic Chemistry (POC-110) .

2. Programme(s) on which this course is given: Bachelor of Pharmacy

3. Year/ Level of programme: First year (first semester)

4. Units/Credit hours:

Lectures

2 hrs.

Tutorial/Practical

2 hrs.

Total

3 hrs.

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

a. Prof. Zakaria Kamel Abdelsamii **b.** Dr / Amany Hosney ghanim

6. Course coordinator: Prof. Zakaria Kamel Abdelsamii

B- Statistical Information:

No. of students attending the course:

No.

899

%

100

No. of students completing the course:

No.

771

%

86

Results:

Passed:

No.

691

%

77

Failed:

80

%

10

No.

Grading of successful students:

Excellent:

No.

98

%

10.9

Very Good:

258

%

28.7

No.

Good :

No.

208

%

23.1

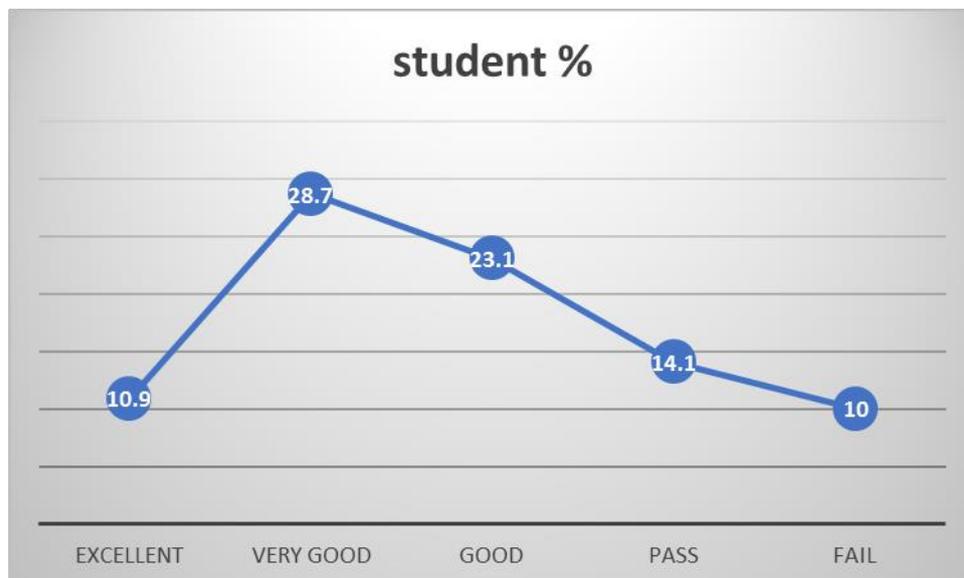
Pass:

127

%

14.1

No.



C- Professional Information:

1 - Course teaching:

Topics actually taught in first Semester	No. of hours	Lecturer	
Atomic structure, covalent bonding, hybridization of carbon and elements of organic compounds and molecular orbital theory	2	Prof. Dr. Zakaria Abdelsamii	
Electronegativity, molecular polarity and dipole moment and hydrogen bonding between molecules. Representation and classification of organic compounds.	2		
IUPAC nomenclature of organic compounds.	2		
Isomerism and conformational stereoisomers.	2		
Configurational stereoisomers: Geometrical isomers and optically active isomers stereoisomers	2		
Nomenclature of configurational stereoisomers	2		
Theories of electron displacement inside organic molecules: Inductive and mesomeric effects.	2		
Organic reactions and mechanism and reactions of alkanes	2		Dr / Amany Ghanim
Preparation and reactions of alkenes.	2		
Stereochemistry of alkenes reactions	2		
Preparation and reactions of alkynes.	2		
Preparation and reactions of conjugated dienes.	2		

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 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: -----

3- Student assessment

Method of assessment	Percentage
Final written exam	50%
Midterm written exam	10%
Practical exam	20%
Laboratory work	5%
Oral exam	15%
Total	100%

Members of examination committee:

- Written exam was prepared by Prof. Zakaria Abdelsamii and Dr. Amany Ghanim.
- Oral exam was run by all pharmaceutical chemistry department staff in addition to external staff

Role of external evaluator:

The course content and final exam of the second semester was revised by Prof. Ashraf

Hasan Bayumi , Prof. of Pharm. Org. Chem, Faculty of Pharmacy, Azhar University.

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies:

5- Administrative constraints:

List any difficulties encountered:

- Absence of electronic source for the course
- Inadequate ventilation system in lecture halls.

6- Student evaluation of the course and final exam:

Generally, the students were satisfied by the course and final exam

7- Comments from external evaluator(s)

Both the internal and external evaluators were satisfied about the course and the exam questions.

8- Course enhancement

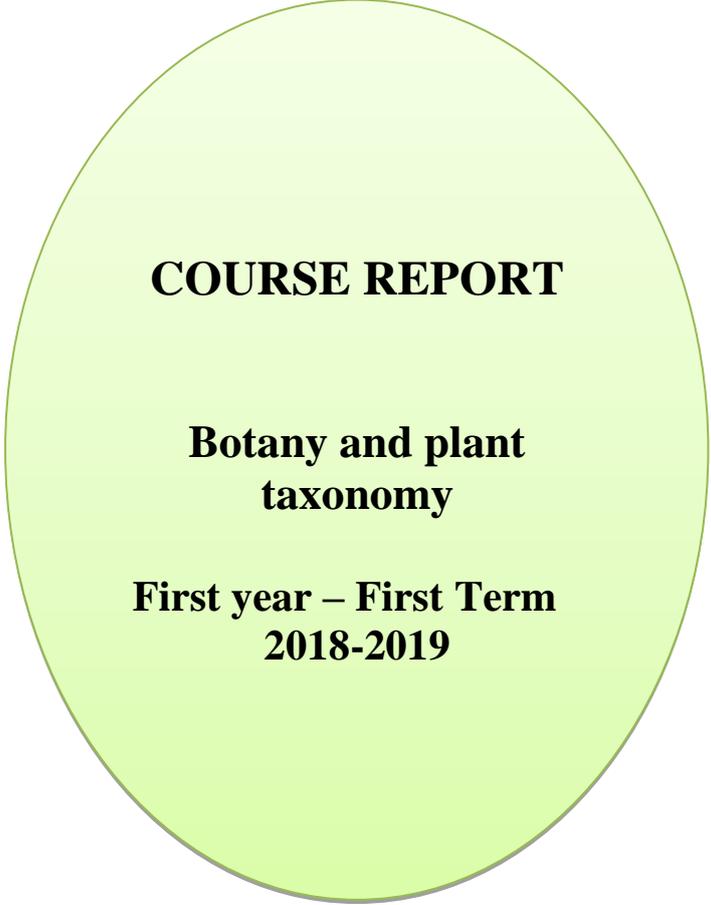
Both the course syllabus and the formative and summative evaluation of the students follow the national standards.

The course team will revise the course content and reference for any required updates

Course coordinator: Prof. Zakaria Abdelsamii

Head of pharmaceutical organic chemistry department: Prof. Hanan Abderazik Abdelfatah

Date: / /



COURSE REPORT

**Botany and plant
taxonomy**

**First year – First Term
2018-2019**

Course Report of Botany and Plant Taxonomy

University: Zagazig
Pharmacognosy

Faculty: Pharmacy

Department:

A- Basic Information:

- 1. Title and code:** Botany and Plant Taxonomy PG110
- 2. Programme(s) on which this course is given:** Bachelor of pharmacy
- 3. Year/ Level of programme:** First year/First semester
- 4. Units/Credit hours:**

Lectures Tutorial/Practical Total

- 5. Names of lecturers contributing to the delivery of the course:**

Prof. Samih ElDahmy,

Dr. Nawal Farrag,

Prof. Zeinab Ibrahim,

Dr. Rehab Hamed,

Dr. Ahmed Mustafa.

- 6. Course coordinator:** Prof. Samih El-Dahmy

- 7. External evaluator:** Prof. Sayed Abou Tabl.

B- Statistical Information:

No. of students attending the course: No. %

No. of students completing the course: No. %

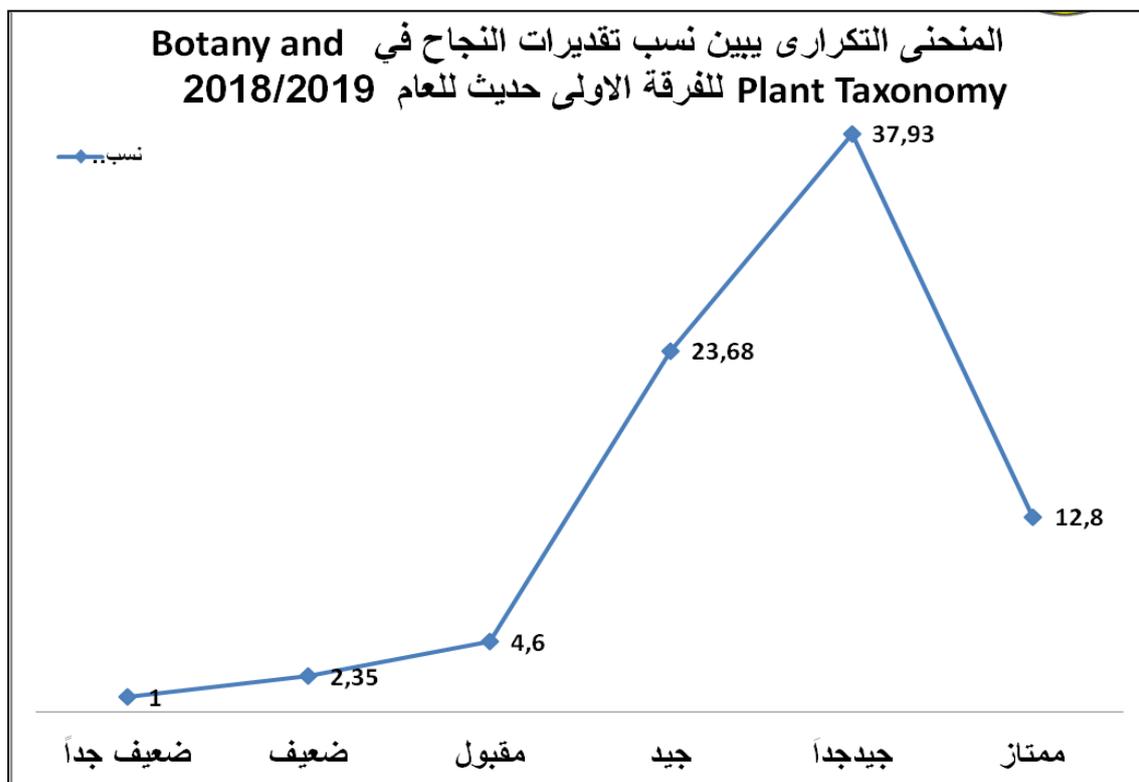
Results:

Passed: No. % Failed: %
No.

Grading of successful students:

Excellent: No. 114 % 12.8 Very Good: 338 % 37.93
No.

Good : No. 211 % 23.68 Pass: 41 % 4.60
No.



C- Professional Information:

1 - Course teaching:

Topics actually taught	No. of hours	Lecturer
- Introduction of pharmacognosy.	2	Prof. Samih El-Dahmy
- Preparation and production of natural drugs. - Sources of natural drugs.	4	Dr. Ahmed Mustafa
- Continue: Preparation and production of natural drugs.		
- Cell and Cell differentiation.	6	Dr. Rehab Hamid.
- Cell contents.		

- Types and chemical tests of identification.		
- Introduction of plant taxonomy. - Classification of plant kingdom. - Taxonomy of lower plants.	8	Prof. Zeinab Ibrahim.
- Taxonomy of higher plants. - Gymnosperm.		
-Taxonomy of angiosperm - Monocot. plants.		
- Taxonomy of dicot. plants.		
- Natural products, a source of novel drugs. - Natural products; biology and food chemistry.	2	Prof. Nawal Farrag
- Revision.	2	Prof. Samih El-Dahmy

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:

3- Student Assessment :

Method of Assessment	Percentage of total %
Written examination	50%
Oral examination	15%
Mid term Exam	10%
Practical / Laboratory work	20%
Other Assignments/class work	5%
Total	100%

Members of examination committee:

No.	Examiner name
1	Prof. Samih ElDahmy,
2	Prof. Nawal Farrag,
3	Prof. Zeinab Elsayed.
4	Ass. Prof. Rehab Hamid.
5	Dr. Ahmed Mustafa.
6	Prof. Maher El-Domiaty
7	Prof. Ehsan abozied.
8	Prof. Mahmoud Abdulaal.
9	Prof. Samia Salah.
10	Prof. Afaf ElSayed.
11	Prof. Assem Elshazly.
12	Prof. Fawkeya Abbas.
13	Ass. Prof. Gamal Dora.
14	Ass. Prof. Amal Elgindy.

15	Ass. Prof. Wafaa Badr.
16	Ass. Prof. Maged Abou Hashem.
17	Dr. Sahar AbdulAziz.
18	Dr. Rasha Adel.
19	Dr. Islam Mousatafa
20	Dr. May Elsayed.
20	Prof. Sayed AbouTabl.
21	Prof. Ahlam AlFishawy
22	Prof. Magda Fathy
23	Prof. Mustafa AbdulKawy.

Role of external evaluator:

Evaluation of course content and final exam :

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies:

√

5- Administrative constraints:

List any difficulties encountered:

6- Student evaluation of the course:

List any criticism	Response of course team
Theoretical study is not related to Field requirement	It is important to demonstrate the importance of studying of the course which will meet a lot of

	field requirements after graduation
Theoretical study is not related to needs of labor market	Awareness of students for the importance of studying this course and its relation to the needs of labor market
Practical part is not linked to the theoretical part	Awareness will be done to illustrate the relation between the practical and theoretical part

7- Comments from external evaluator(s):

Comments	Response of course team
- Course aims are very clear and linked to program aims - Course topics are recent. - Student assessment methods are suitable.	- - -

8- Course Enhancement:

Action required	State whether or not complete to give reasons for any non completion
1. Addition of activities to enhance the students to develop self-learning abilities.	Complete
2. Frequent quizzes to maintain the level of students high.	Complete
3. Holding periodical exam in the sixth week of each semester (10% of the grade from written exam)	complete

9- Action plan for academic year 2019– 2020:

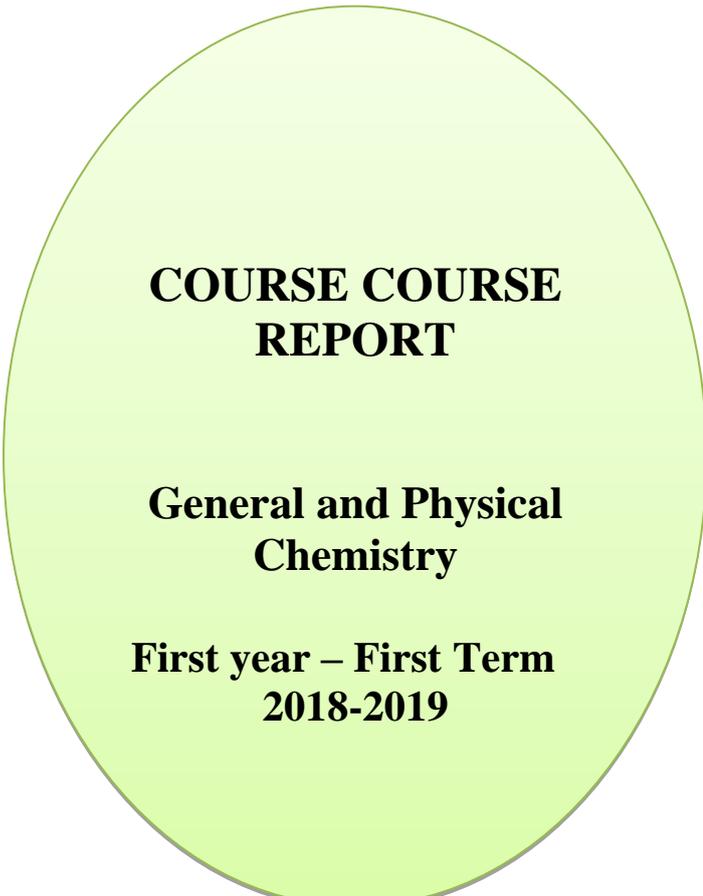
Action required	Completion date	Person responsible
- Addition of other activities to enhance the students to develop self-learning abilities.	2019/2020	Course team.

- Field study (a visit to El-Orman garden).	2019/2020	Course team. - Vice dean for education & students affairs.
Orientation of the students at the beginning of the course about the importance of the course for future career and how the theoretical part is relevant to the practical part	2019/2020	Course team

Course Co-coordinator: Prof. Dr. Samih El-Dahmy

Signature:

Date: / /2019



**COURSE COURSE
REPORT**

**General and Physical
Chemistry**

**First year – First Term
2018-2019**

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Analytical chemistry

A – Basic Information:

1. **Title and Code:** General and Physical chemistry (AC111)
2. **Program(s) on which this course is given:** Bachelor of Pharmacy
3. **Year / Level of programs:** First year (First semester)
4. **Units / Credit hours:** -----

Lectures	2 hrs	Practical sessions	1 hrs	Total	3 hrs
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5. Names of lecturers contributing to the delivery of the course:

- Prof. Dr/ Heba Elsayed
- Prof. Dr/ Wafaa El-Sayed.
- Prof. Dr/Mervat Hosny
- Dr. Sara Mohamed Anis

6. Course coordinator:

Prof. Dr.Wafaa El-Sayed.

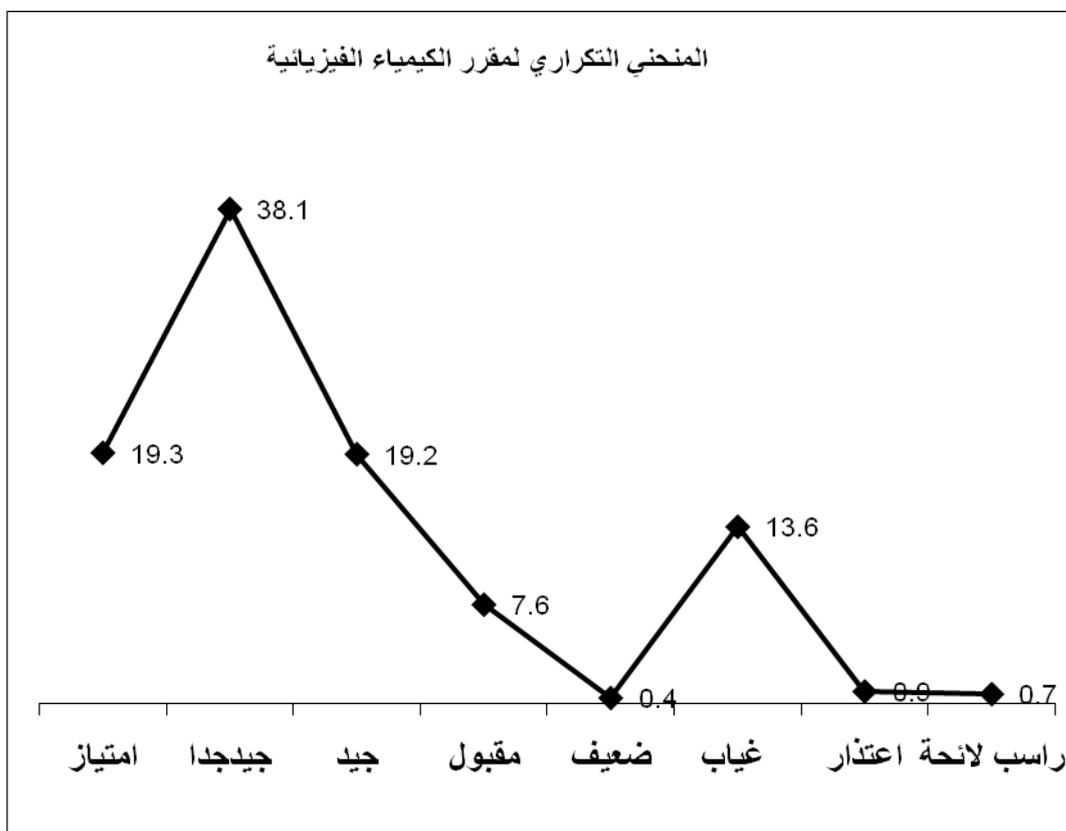
7. External evaluator:

- Dr.Ahmed Mohamed Abdel Magid

B- Statistical Information:

No. of students attending the course	901	100%
No. of students completing the course	901	100%

Results:					
Passed	720	79.9%	Failed	181	20.1%
Grading of successful students:					
Excellent	172	13.3%	Very good	339	38.1%
Good	171	171%	Pass	68	7.6%



C- Professional Information:

1- course teaching:

Topic	No of hours	Lecturers
Introduction to physical chemistry	3	Dr. Sara Anis
Gas behavior	3	Dr. Sara Anis
Solutions and their colligative properties	6	Prof. Dr. Mervat Hosny
Thermochemistry	6	Assoc. Prof. Heba Elsayed
Chemical and Aqueous equilibrium	6	Dr. Sara Anis
General Chemistry	12	Prof. Dr. Wafaa Elsayed
Revision and Open Discussion	4	Dr. Sara Anis

Topics taught as a percentage of the content specified:

>90 %	√	70 – 90 %		<70%	
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- **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 assignment / homework	-

- If teaching and learning methods were used other than those specified, list and give reasons: Discussion sessions to develop the interaction between students and lecturer and illustrate the unclear issues.

3- Student Assessment :

Assessment method	Marks	Percentage
Written exam	50	50%
Oral exam	15	15%
Practical exam	20	20%
Periodic exam	10	10%
Activities	5	5%
TOTAL	100	100%

Members of examination committee:

- Prof. Dr. Wafaa El-Sayed
- Prof. Dr. Mervat Hosny
- Associ. Prof. Heba Elsayed
- Dr. Sara Anis

4- Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

List any inadequacies:

- Inadequate lighting and ventilation system in lecture halls.

- Insufficient lab tools (Chemicals and glass wares)

5- Administrative Constraints:

- Space constrains due to large number of students
- Insufficient budget for lab chemicals.

6- Students evaluation of the course: 55 %

Students evaluation of the course	Response of course team
Unclear benefits of the practical sessions	Modification of the practical sessions content in the upcoming years to be consistent with the theoretical contents
Updating the references	

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
Course aims are very clear and strongly linked to program ILOS	-----

8- Course Enhancement:

Action	State whether or not completed and give reasons for any non-completion
Enhancing student's presentation skills and group-work through student's activity.	completed
Supply the labs with data show as interactive learning tool	completed

9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
Revise course contents and make required updates for practical sessions to consistent with the theoretical sessions.	2019– 2020	Course team
Measurement of ILOS of	2019– 2020	Course team

course		
Update the used references	2019– 2020	Course team

Course Coordinator: Prof. Dr. Wafaa Elsayed

Signature:

Date: course report is approved in department council on



COURSE REPORT

**Pharmaceutics-1
First year – First Term
2018-2019**

First term Course Report

University:Zagazig**Faculty:** Pharmacy

Department: Pharmaceutics

A – Basic Information:

1. **Title and Code:** Pharmaceutics I (PC 110)
2. **Program(s) on which this course is given:** Bachelor of Pharmacy
3. **Year / Level of programs:**First year (First 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/Hanan El-Nahas
- Dr/ Nagia Ahmad El-Megrab

6. **Course coordinator:**

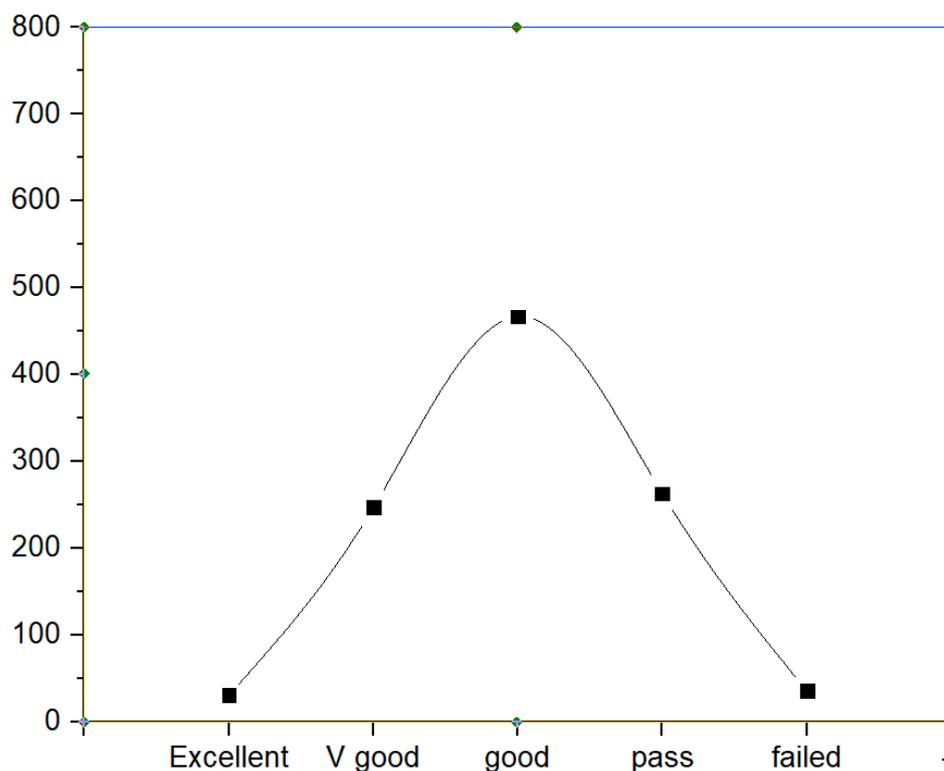
- Prof. Dr/ Nagia Ahmad El-Megrab

7. **External evaluator:**

Prof/ FawziaSayed AhmedHabib (Assiut university)

B- Statistical Information:

No. of students attending the course	1202	100%			
No. of students completing the course	1044	86.8%			
Results:					
Passed	1008	97%	Failed	36	3.5%
Grading of successful students:					
Excellent	31	3%	Very good	247	24.5%
Good	467	46.34%	Pass	263	26%



C- Professional Information:

1- Course teaching:

Topic	No of hours	Lecturers
Orientation to Pharmacy	4	<ul style="list-style-type: none"> • Prof.Dr/ Nagia Ahmad El-Megrab
Pharmacy careers and role of pharmacists	2	
Ethics in pharmacy	4	
Routes of drug administration	4	
Introduction to pharmaceutical dosage forms	4	
Drug Dosage, Factors affecting dose, Calculation of doses	2	
Prescription and medication order and their interpretation	6	<ul style="list-style-type: none"> • Prof. Dr/Hanan El-Nahhas
Pharmaceutical solutions and galenicals	6	
History of pharmacy	2	

Topics taught as a percentage of the content specified:

>90 %	√	70 – 90 %		<70%	
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- 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 assignment / homework	√

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

3- Student Assessment :

Method of Assessment	Percentage of total %
	First Semester
Periodical written exam	10%
Written examination	50%
Oral examination	15%
Practical / Laboratory work	20%
Activities	5%
Other Assignments/class work	-
Total	100%

Members of examination committee:

- Prof. Dr/Hanan El-Nahas
- Prof. Dr/ Nagia Ahmad El-Megrab

Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

List any inadequacies:

- Lack of internet connections in the labs and lecture hall.
- Insufficient lab tools (balances, chemicals)

5- Administrative Constraints:

- Time and space constraints due to large number of students
- Insufficient budget for lab chemicals.

6- Students evaluation of the course:

Students evaluation of the course (Student criticism)	Response of course team
Group discussion during lectures are insufficient	Large no. of students does not allow open group discussions but its replaced with discussions in laboratories
Unavailability of electronic sources for the course.	Students are provided with lectures and lab. handout

7-Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
Course specification and course contents of Pharmaceutics I are very useful to pharmacy graduates and enable them to practice the profession after graduation.	

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 crowding of practical sessions schedule as a result of synchronization with some official off-days
Holding periodical exam in sixth	completed

week of each semester (10% of the grade of the theoretical exam)	

9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
Divide the activity marks on two; internet research report with presentation and quiz	2019/2020	Course coordinator

Course Coordinator: Prof. Dr/ Nagia Ahmed El megrab

Signature:

Date:course report is approved in department council on: 28/10/2019



COURSE REPORT

**English and Medical
terminology**

**First year – First Term
2018-2019**