

# COURSE REPORTS

## Faculty of Pharmacy

Second Year – Second Term

2018-2019

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**COURSE REPORT**

**Analytical chemistry (4)**

**Second year – second Term  
2018-2019**

## Course Report

University: Zagazig  
Analytical chemistry

Faculty: Pharmacy

Department:

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### A- Basic Information

1. Title and code: Analytical chemistry (4) (AC224)
2. Program (s) on which this course is given: Bachelor of Pharmacy.
3. Year/ Level of program: second year (second semester)
4. Units/Credit hours:

Lectures  Tutorial/Practical  Total

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

1. Prof. Dr. Hanaa Saleh
2. Prof. Dr. Magda Elhenawee
3. Prof. Dr. Gamal Ragab
4. Prof. Dr. Wafaa Elsayed
5. Prof. Dr. Mervat Hosny.
6. Assoc. Prof. Heba Elsayed
7. Dr. Sara Anis

- Course co-ordinator: Prof. Dr. Gamal Ragab
- External evaluator: Prof. Dr. Yasser Shaker Ibrahim Elsharty

### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

course:

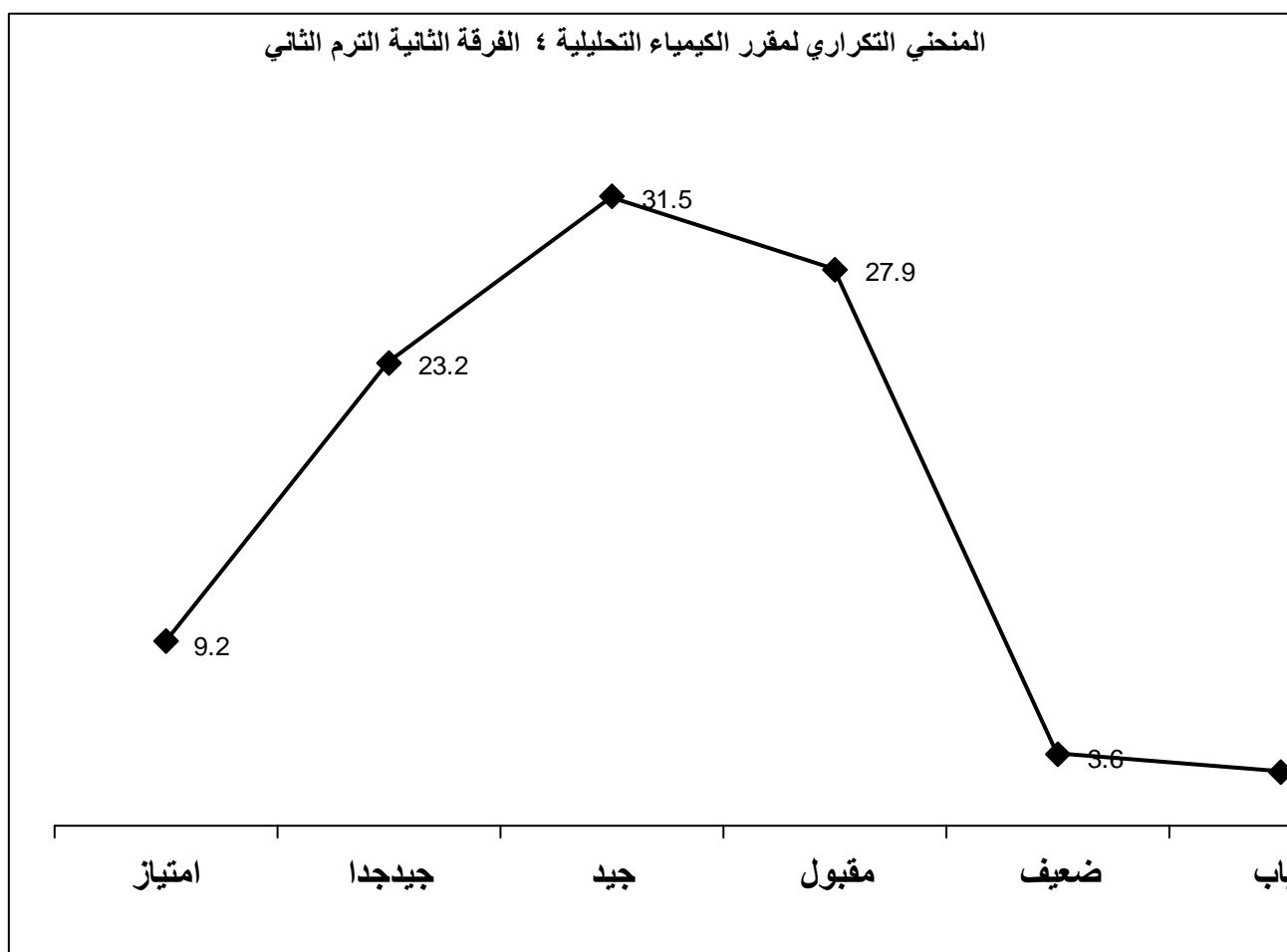
Results:

Passed: No. 717 % 91.8 Failed: No. 40 % 5.3

Grading of successful students:

Excellent: No. 72 % 9.2 Very Good: No. 181 % 23.2

Good : No. 246 % 31.5 Pass: No. 218 % 27.9



## C- Professional Information

### 1 - Course teaching

Week No.	Topics actually taught	No. of hours	Lecturer
1	- Introduction to oil and fat (physical properties, composition and classification)	2hrs	• Gamal Ragab

2	- Chemical properties of oil and fat	2hrs	
3	- Rancidity, hydrogenation and analysis of butter fat	2hrs	• Prof. Dr/ Hanaa Saleh
4	- Physical and chemical examination of water	2hrs	• Prof. Dr/ Magda Elhenawee
5	- Metals in water and interpretation of analytical results	2hrs	• Dr. Sara Anis
6	<b>Midterm Exam</b>		
7	- Water pollution and purification	2hrs	• Dr. Sara Anis
8	- Theory of gravimetry, contamination and purification of precipitate	2hrs	Prof. Dr. Mervat Hosny.
9	- Application of gravimetric analysis	2hrs	Prof. Dr. Mervat Hosny.
10	- Theory of potentiometry and types of electrodes	2hrs	• Assoc. Prof. Heba Elsayed
11	- Application of potentiometry	2hrs	
12	-Conductometry (theory & application)	2hrs	
13	- Theory of spectroscopy	2hrs	• Prof. Dr. Wafaa Elsayed
14	- Instrumentation	2hrs	
15	- Application of spectrophotometry	2hrs	

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

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
• Midterm exam	10%
• Final Written examination	<input type="text" value="50%"/>
• Oral examination	<input type="text" value="15%"/>
• Practical exam	20%
• Problem Solving	<input type="text" value="5"/>
Total	100 %
Members of examination committee	Prof. Dr. Hanaa Saleh Prof. Dr. Magda Elhenawee Prof. Dr. Gamal Ragab Prof. Dr. Wafaa Elsayed Prof. Dr. Mervat Hosny. Assoc. Prof. Heba Elsayed Dr. Sara Anis

### 4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

Poor ventilation High temperature Low resolution of data show equipment.
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### 5- Administrative constraints

No time spacing between lectures

### 6- Student evaluation of the course:

List any criticisms	Response of course team
1. Course content is not consistent with the time specified for it.	That was considered in preparing course content of Anal. Chem. I –Pharm D program.
2. No Skill were acquired by this course	That was considered in specification of pharm D courses.

### 7- Comments from external evaluator(s):

The external evaluator stated that the course is well designed and the learning outcomes are clear, properly phrased and measurable, but **spectrofluorimetry, atomic absorption and chromatography are recommended to be included.**

**Response of course team:** In preparing course content of



Instrumental Analysis –Pharm D program, spectrofluorimetry, atomic absorption and HPLC will be included.

**8- Course enhancement:**

Progress on actions identified in the previous year’s action plan:

Action: none

**9- Action plan for academic year 2019-2020**

Actions required	Completion date	Person responsible
The suggested course contents of Instrumental Analysis –Pharm D program is designed to contain spectrofluorimetry, atomic absorption and HPLC.	August 2019	Assoc. Prof. Heba Elsayed
ILO's of new Pharm D courses will be competency-based	October 2019	All staff members

Course coordinator: Prof. Dr. Gamal Ragab

Signature:

Date: 8/10/2019

## Course Report

**University:** Zagazig  
Analytical chemistry

**Faculty:** Pharmacy

**Department:**

### A- Basic Information

1. Title and code: Analytical chemistry (3) (AC213) and Analytical chemistry (4) (AC224)
2. Program (s) on which this course is given: Bachelor of Pharmacy.
3. Year/ Level of program: second year (first and second semester)
4. Units/Credit hours:

Lectures  Tutorial/Practical  Total

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

Analytical chemistry (3)	Analytical chemistry (4)
I Prof. Dr/ Hanaa Saleh.	Prof. Dr. Hanaa Saleh Prof. Dr. Magda Elhenawee Prof. Dr. Gamal Ragab Prof. Dr. Wafaa Elsayed Prof. Dr. Mervat Hosny. Assoc. Prof. Heba Elsayed Dr. Sara Anis
II Prof. Dr/Hisham Ezzat.	
III Prof. Dr/ Magda El-Henawee.	
IV Prof. Dr/ Gamal. Ragab.	
V Assoc. Prof. Heba Elsayed	

- Course co-ordinator:
  - Prof. Dr. Hisham Ezzat abdellatef (Analytical chemistry 3)
  - Prof. Dr. Gamal Ragab (Analytical chemistry 4)
- External evaluator: Prof. Dr. Yasser Shaker Ibrahim Elsayharty

### B- Statistical Information

No. of students attending the course:

No. 781 % 100

No. of students completing the course:

No. 757 % 96.92

Results:

Passed: No. 717 % 94.7

Failed: No. 41 % 5.4

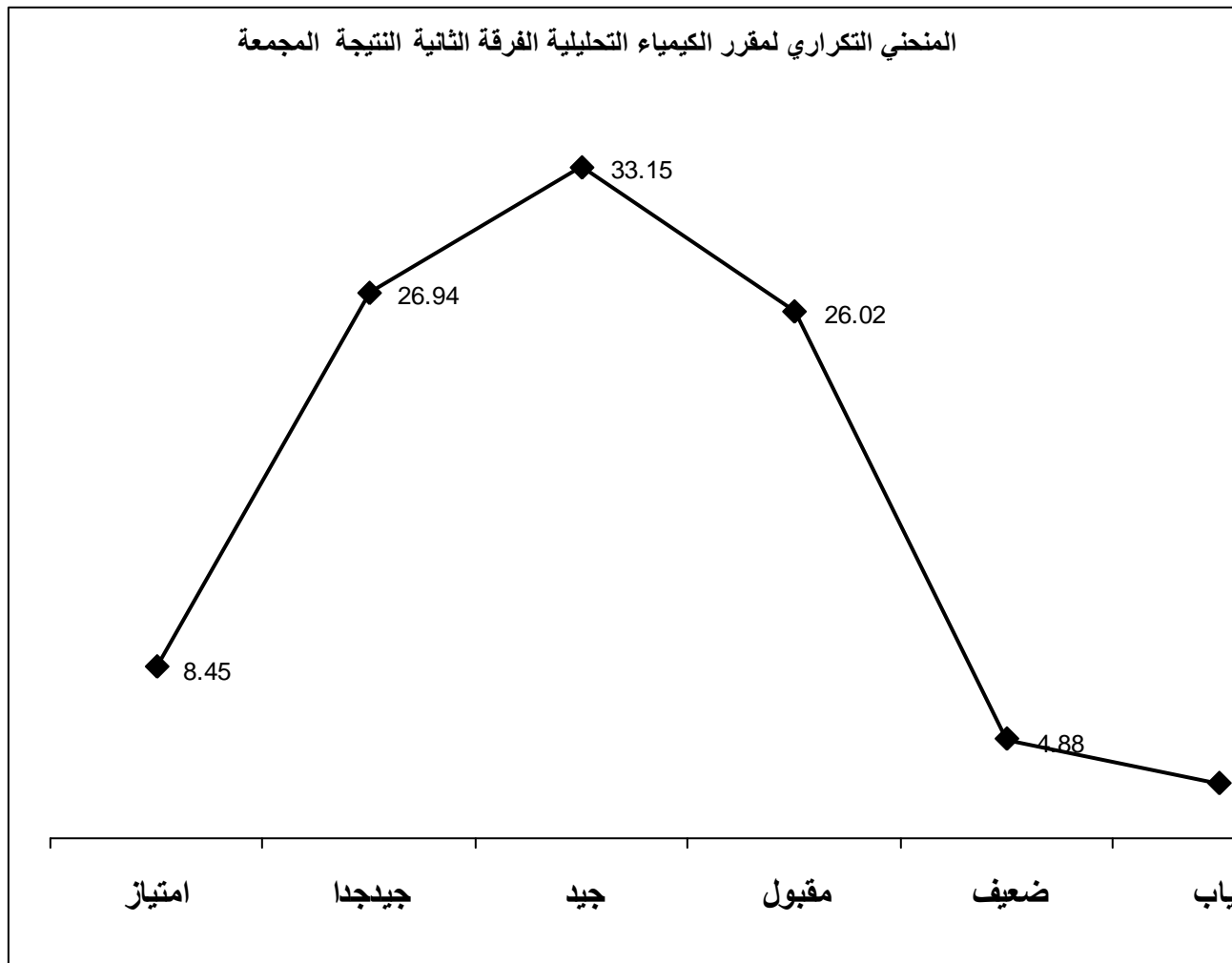
Grading of successful students:

Excellent: No. 64 % 8.45

Very Good: No. 204 % 26.94

Good : No. 251 % 33.15

Pass: No. 197 % 26.02



Course coordinator: Prof. Dr. Hisham Ezzat and Prof. Dr. Gamal Ragab

Signature:

Date: 8/10/2019



**COURSE REPORT**

**Pharmaceutical organic  
chemistry (4)**

**Second year – second  
Term  
2018-2019**

## Course Report of Pharmaceutical Organic Chemistry

**University:** Zagazig                      **Faculty:** Pharmacy                      **Department:**  
Pharmaceutical Organic Chemistry

### A- Basic Information:

**1. Title and code:** Pharmaceutical Organic Chemistry-4 (POC 223)

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

**3. Year/ Level of programme:** second year – semester-2

**4. Units/Credit hours:**

Lectures  Tutorial/Practical  Total

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

- Prof. Dr/ Eatedal Hassan Abd El-aal.
- Prof. Dr/Said Ahmed Hussein El-Feky
- Asst.Prof/ Nermin Awni Osman
- Dr/ Amany Ghanim

**6. Course coordinator:** Prof. Dr/ Eatedal Hassan Abd El-aal.

- **7. External evaluator:** Prof. Dr. Ashraf Bayoumy

### 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
<ul style="list-style-type: none"> <li><b>HETEROCYCLIC CHEMISTRY</b> Classification of heterocyclic compounds, nomenclature</li> </ul>	2	Prof.Dr. Eatedal Hassan Abd El-aal
<ul style="list-style-type: none"> <li><b>HETEROCYCLIC CHEMISTRY:</b> fivemembered rings</li> </ul>	2	
<ul style="list-style-type: none"> <li><b>HETEROCYCLIC CHEMISTRY:</b> fivemembered rings</li> </ul>	2	
<ul style="list-style-type: none"> <li><b>HETEROCYCLIC CHEMISTRY:</b> Five-membered heterocyclic rings with two heteroatoms</li> </ul>	2	
<ul style="list-style-type: none"> <li><b>HETEROCYCLIC CHEMISTRY:</b> six-membered heterocyclic rings</li> </ul>	2	Prof. Dr/Said Ahmed Hussein El-Feky
<ul style="list-style-type: none"> <li><b>HETEROCYCLIC CHEMISTRY:</b> six-membered heterocyclic rings with two nitrogen atoms</li> </ul>	2	
<ul style="list-style-type: none"> <li><b>HETEROCYCLIC CHEMISTRY:</b> Fused six membered ring Quinoline, isoquinoline, purine and valium</li> </ul>	2	
<ul style="list-style-type: none"> <li><b>Spectroscopic Methods Of Structural Determination:</b> Introduction, visible and UV spectroscopy</li> </ul>	2	Ass.Prof./ Nermin Awni Osman.
<ul style="list-style-type: none"> <li><b>Spectroscopic Methods Of</b></li> </ul>	2	

<b>Structural Determination:</b> IR spectroscopy: introduction and principles		
• <b>Spectroscopic Methods Of Structural Determination:</b> IR spectroscopy: applications	2	
• <b>Spectroscopic Methods Of Structural Determination:</b> Mass spectroscopy	2	Dr/amany Ghanim
• <b>Spectroscopic Methods Of Structural Determination:</b> • H <sup>1</sup> NMR	2	
• <b>Spectroscopic Methods Of Structural Determination:</b> C <sup>13</sup> NMR	2	
• <b>Application of spectroscopy</b>	2	Asst. Prof./ Nermin Awni Osman. Dr/amany Ghanim

**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:

- Self learning (Internet search), case study.

**Members of examination committee:**

- Both written exam and practical exam were prepared by Prof. Dr/ Eatedal Hassan Abd El-aal, Prof. Dr/Said Ahmed Hussein El-Feky, Ass.Prof. / Nermin Awni Osman. Dr/Amany Ghanim
- Oral exam was conducted by Pharmaceutical Organic Chemistry staff members in addition to external examiners.

**Role of external evaluator:**

Revision of both course content and written exam

**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: inadequate laboratory equipments

**6- Student evaluation of the course:**

<b>List any criticism</b>	<b>Response of course team</b>
The aims of the course not clear enough	Discuss the aim of the course at the beginning of each lecture
Defect in the lecture sequence	To be considered
Defect in discussion in the lectures	Group discussion in the lab.

### 7- Comments from external evaluator:

The course is well designed and ILOs are clear and can be measured.

### 8- Course enhancement:

1. Progress on actions proposed for improving the course in previous course reports (if any).			
Actions recommended from the most recent course report(s)	Actions Taken	Action Results	Action Analysis
a.Addition of formatives for frequent evaluation of the students	Students had different questions about the lecture topic	Frequent evaluation of the students during the course	The formatives are marked and the course understanding of the students is measured
b.Addition of activities to enhance developing self learning abilities	Charts in spectroscopy		

2. Action Plan for Next Semester/Year				
Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
Taken into consideration the:				
Student reports to develop writing and presenting skills.	Asking students for making a research in the course-related topics	2019 - 2020	2020	Members of examination committee

Signature:

Date: 28/ 10 /2019



**COURSE REPORT**

**Pharmaceutics (4)**

**Second year – second  
Term  
2018-2019**

## Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmaceutics

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### A – Basic Information:

- **Title and Code:** pharmaceutics 4 ( Code : PC 223)
- **Program(s) on which this course is given:** Bachelor of pharmacy
- **Year / Level of programs:** second year (Second semester)
- **Units / Credit hours:** 3 hrs/week

<b>Lectures</b>	2 hrs.	<b>Practical sessions</b>	2hr.	<b>Total</b>	3 hrs.
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- **Names of lecturers contributing to the delivery of the course:**

- Prof .Dr.Hana Elghamry
- **Assistant Prof. Dr. Azza Ali Hassan**
- **Dr:Sheref Imam**

- **Course coordinator:**
- **Assistant Prof. Dr. Azza Ali Hassan**

- **External evaluators:**
  - Prof. Dr. Ahmed Mahmoud Samy (AzharUniversity)

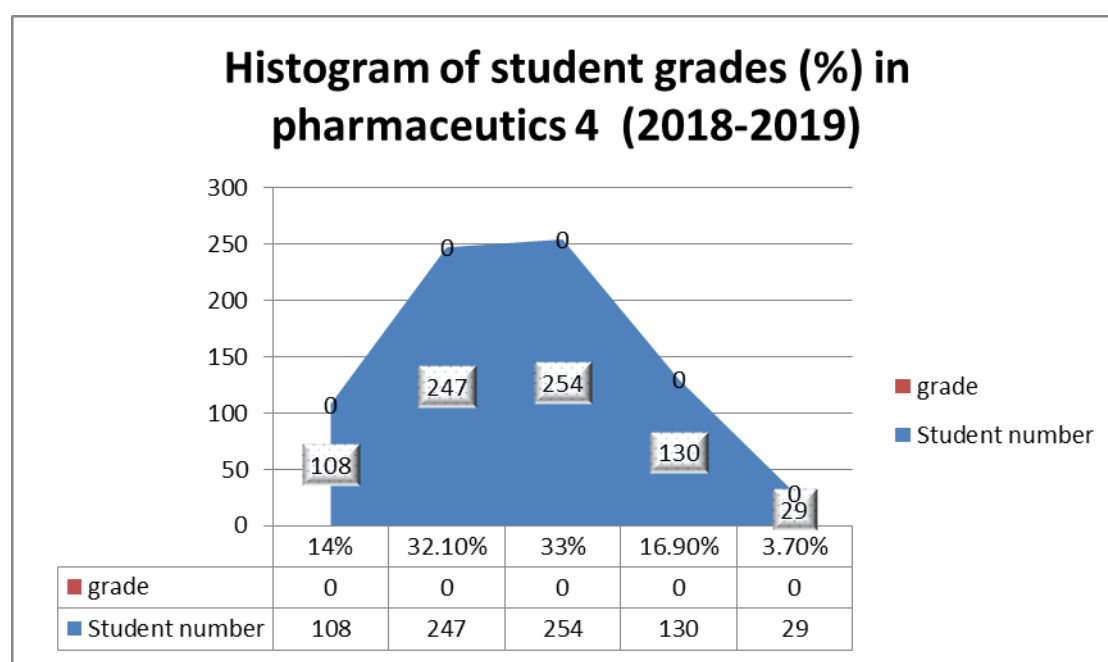
### B- Statistical Information:

<b>No. of students attending the course</b>	769	100 %
<b>No. of students completing the course</b>	768	99.86 %

<b>Results:</b>					
<b>Passed</b>	739	96.2%	<b>Failed</b>	29	3.7%

**Grading of successful students:**

Grade	Student Number	Percent
A	108	14%
B	247	32.1%
C	254	33%
D	130	16.9%
F	29	3.7%



### C- Professional Information:

#### 1-Course teaching:

<b>Lecture contents (2hrs/week)</b>	<b>No of Hours</b>	<b>Lecturers</b>
- Powders: definition, advantages and disadvantages, powder dosage forms, particle size reduction, size reduction methods	2	<b>Ass. Prof. Dr. Azza Ali Hasan</b>
- Flow properties, blending of powders, packaging, special problems arises during manufacture, granules (definition, advantages, and effervescent granules).	2	
- Capsules: definition, types (hard and soft gelatin capsules), advantages and disadvantages of capsules	2	
- Quality control test of capsules, methods of preparations	2	
- Vegicaps soft gelatin capsules, enteric coated capsules, sustained release capsules, spansules and medules.	2	
- Microencapsulation: Definition, applications and advantages of microcapsulation, classification, methods of preparations of microcapsules and microspheres, release mechanisms.	2	
- Incompatibility: definition, types, examples, importance, intentional incompatibilities.	2	
- Types of suppository bases	2	
		<b>Prof. Dr/ Hanaa El Ghamry</b>

- Testing of suppositories - Vaginal suppositories	2	
-Other rectally administered dosage forms	2	
-التشريعات الصيدلانية	2	
-التشريعات الصيدلانية	2	
-Preformulation studies: definition, solubility, partitioning coefficient,	2	<b>Dr/ Sherif Emam</b>
- Dissolution rate, physical parameters, stability.	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: -**

**3-Student Assessment:**

Assessment task	Week	Proportion of total assessment
<b>Assessment (1):</b> Written exam	Week 15	50%

<b>Assessment (2):</b> Practical exam & lab evaluation	Week 13	25%
<b>Assessment (3):</b> Mid term exam	Week 7	10%
<b>Assessment (4):</b> Oral exam	Week 15	15%
<b>Total</b>		100%

**Members of examination committee:**

- Prof.Dr. Hanaa Elghamry
- **Assistant Prof. Dr. Azza Ali Hassan**
- **Dr:Sheref Imam**

**4-Facilities and Teaching Materials:**

Totally adequate	
Adequate to some extent	√
Inadequate	

**List any inadequacies:**

- Large number of students
- Low budget

**5- Administrative Constraints:**

- **Student evaluation: condensed content allowed and inconsistent with time**
- **Action plane: revision of course content and make required updates**

**6- Comments from external evaluator(s):**

<b>Comments</b>	<b>Response of course team</b>
- the course is well designed - update of course references	- The course will be revised for any required updates

**7- Course Enhancement:**

Action required	State whether or not complete and give reasons for any non
-----------------	--



	completion
Revision of course content for any updates	Completed

**9- Action plan for academic year 2019– 2020:**

Action required	Completion date	Person responsible
- Revision of course contents for any required updates - Update course references	2019-2020	Course team

**Course Co-ordinators:**

- **Assistant Prof. Dr. Azza Ali Hassan**

**Signature:**

**Date:** Course report is approved on 28/10/2019

## Annual Course Report

University: Zagazig Faculty: Pharmacy

Department: Pharmaceutics

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### A – Basic Information:

- **Title and Code:** pharmaceutics 3&4 ( Code : PC 212& 223)
- **Program(s) on which this course is given:** Bachelor of pharmacy
- **Year / Level of programs:** second year
- **Units / Credit hours:** 3hrs/week

<b>Lectures</b>	2 hrs.	<b>Practical sessions</b>	2 hr.	<b>Total</b>	3 hrs.
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- **Names of lecturers contributing to the delivery of the course:**

- Prof. Dr. Mahmoud Abdel Ghany
- Prof .Dr.HanaElghamry
- Assistant Prof. Dr. Azza Ali Hassan
- Dr:Sheref Imam

- **Course coordinator:**

- **Assistant Prof. Dr. Azza Ali Hassan**

- **External evaluators:**

- Prof. Dr. Ahmed Mahmoud Samy(AzharUniversity)

### B- Statistical Information:

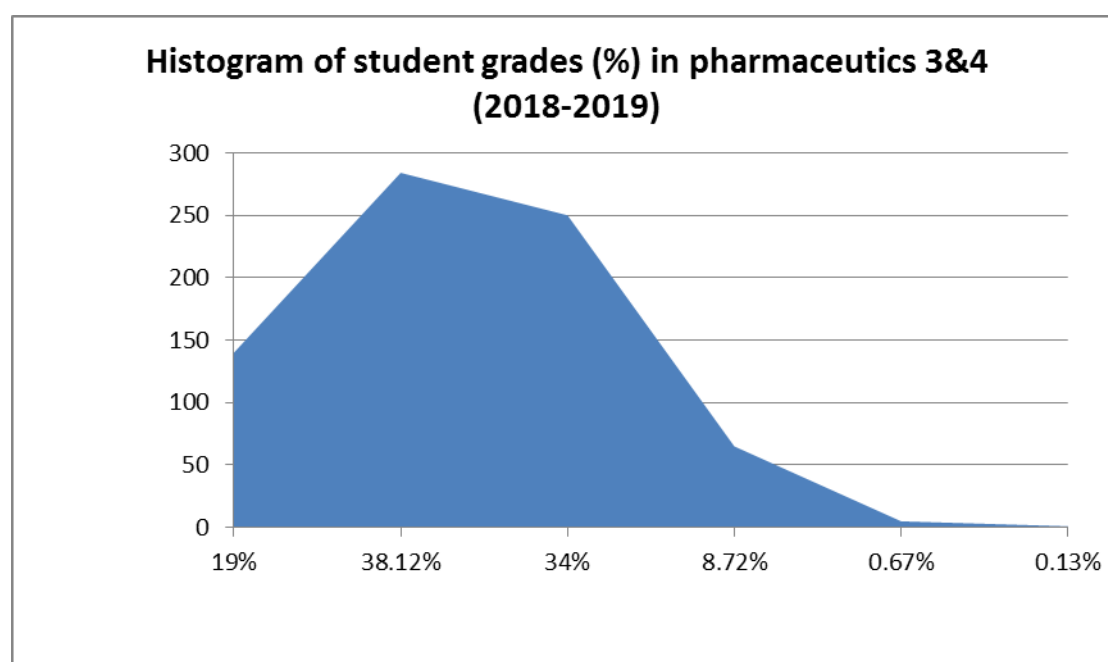
<b>No. of students attending the course</b>	769	100 %
<b>No. of students completing the course</b>	745	96.87 %

### **Results:**

<b>Passed</b>	744	99.86%	<b>Failed</b>	1	0.13%
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### Grading of successful students:

Grade	Student Number	Percent
Excellent	140	19 %
V Good	284	38.12%
Good	250	33.55%
Pass	65	8.72%
weak	5	0.67%
V Weak	1	0.13%



### C- Professional Information:

#### 1-Course teaching:

Lecturer content (Pharmaceutics 3)	No of Hours	Lecturers
- Introduction to disperse system - Colloids (definition, pharmaceutical	2	Ass. Prof. Dr. Azza Ali Hasan

applications)		
- Types of colloidal systems, preparation of colloids, purification.	2	
-Properties of colloids -Stability of colloids	2	
- Transdermal drug delivery: structure and function of the skin, mechanism of drug transport through the skin	2	
-Factors affecting percutaneous absorption (biological and physicochemical factors)	2	
- methods of maximizing the bioavailability of drugs applied to the skin -Transdermal therapeutic patches(TTS)	1	
- Cosmetics (definition, creams, cleansing creams, vanishing creams	1	
- toilet powders, lipstick, shaving preparations, hair preparations - Nail lacquers, depilatories, dentifrice	2	
- Types of emulsion - Theories of emulsification	2	<b>Prof. Dr/ Hanaa El Ghamry</b>
- Emulsifying agents - Stability of emulsions	2	
- Reasons for preparing suspension - Characters of ideal suspension	2	
- Formulation and evaluation of suspensions - Stability of suspensions	2	
- Topical preparations, formulation of semisolid dosage forms (Ointments-Creams)	2	
- Topical preparations, formulation of semisolid dosage forms (Gels-Pastes)	2	<b>Prof. Dr Mahmoud Abdel Ghany</b>

<b>Lecture contents (Pharmaceutics 4) (2hrs/week)</b>	<b>No of Hours</b>	<b>Lecturers</b>
- Powders: definition, advantages and disadvantages, powder dosage forms, particle size reduction, size reduction methods	2	<b>Ass. Prof. Dr. Azza Ali Hasan</b>
- Flow properties, blending of powders, packaging, special problems arises during manufacture, granules (definition, advantages, and effervescent granules).	2	
- Capsules: definition, types (hard and soft gelatin capsules), advantages and disadvantages of capsules	2	
- Quality control test of capsules, methods of preparations	2	
- Vegicaps soft gelatin capsules, enteric coated capsules, sustained release capsules, spansules and medules.	2	
- Microencapsulation: Definition, applications and advantages of microcapsulation, classification, methods of preparations of microcapsules and microspheres, release mechanisms.	2	
- Incompatibility: definition, types, examples, importance, intentional incompatibilities.	2	
- Types of suppository bases	2	<b>Prof. Dr/ Hanaa El Ghamry</b>
- Testing of suppositories - Vaginal suppositories	2	
-Other rectally administered dosage	2	

forms		
-التشريعات الصيدلانية	2	
-التشريعات الصيدلانية	2	
-Preformulation studies: definition, solubility, partitioning coefficient,	2	<b>Dr/ SherifEmam</b>
- Dissolution rate, physical parameters, stability.	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:**

**3-Student Assessment:**

Assessment task	Week	Proportion of total assessment
<b>Assessment (1):</b> Written exam	Week 15	50%
<b>Assessment (2):</b> Practical exam & lab evaluation	Week 13	25%
<b>Assessment (3):</b> Mid term exam	Week 7	10%

<b>Assessment (4):</b> Oral exam	Week 15	15%
<b>Total</b>		100%

**Members of examination committee:**

- Prof. Dr. Mahmoud Abdel Ghany
- Prof.Dr. HanaaElghamry
- Assistant Prof. Dr. Azza Ali Hassan

**4-Facilities and Teaching Materials:**

Totally adequate	
Adequate to some extent	√
Inadequate	

**List any inadequacies:**

.....

**5- Administrative Constraints:**

- **Student evaluation: condensed content allowed and inconsistent with time**
- **Action plane: revision of course content and make required updates**

**6- Comments from external evaluator(s):**

<b>Comments</b>	<b>Response of course team</b>
- the course is well designed - update of course references	the course will be revised for any required updates

**7- Course Enhancement:**

Action required	State whether or not complete and give reasons for any non completion
Revision of course content for any updates	Completed

### 9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
- revision of course content for any required updates - update course references	2019/2020	Course team

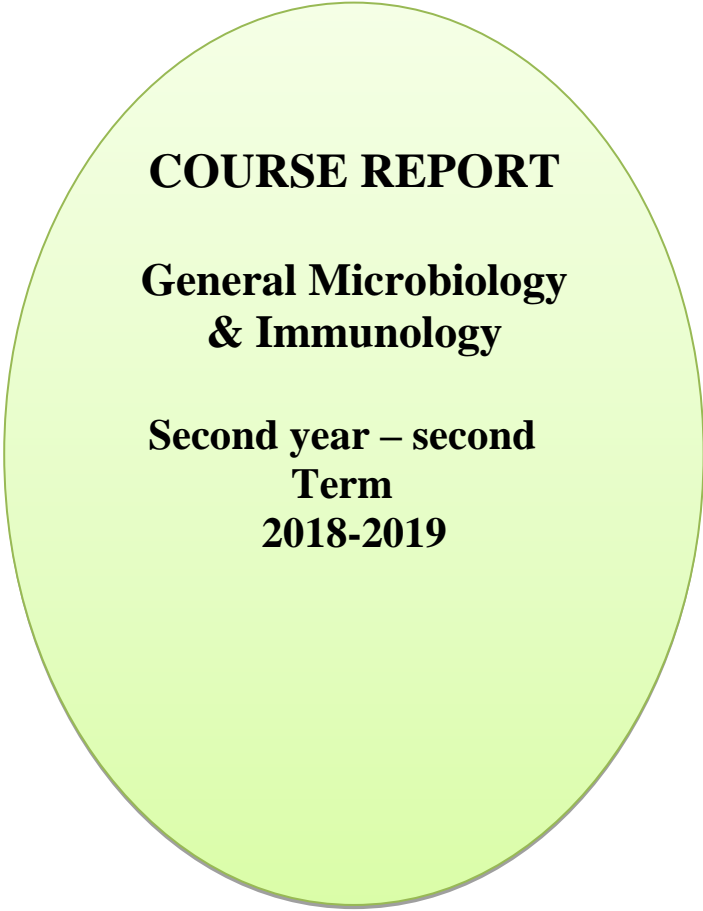
#### Course Co-ordinators:

- Assistant Prof. Dr. Azza Ali Hassan

#### Signature:

**Date:** Course report is approved on





**COURSE REPORT**

**General Microbiology  
& Immunology**

**Second year – second  
Term  
2018-2019**

# Course report of General Microbiology and Immunology

University: Zagazig  
Microbiology &

Faculty: Pharmacy

Department:

Immunology

## A- Basic Information:

1. Title and code: General Microbiology and Immunology  
MI22

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

3. Year/ Level of program: second year (second semester).

4. Units/Credit hours:

Lectures  Tutorial/Practical  Total

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

i) Prof. / Nehal El-sayed

ii) Ass. Prof. / Amira El-Ganiny

iii) Ass. Prof. /Hisham Abbas

**Course coordinator:** Prof. / Nehal El-sayed

**External evaluator:** Prof. Mohamed Abdel Halim Ramadan–  
Microbiology –Cairo University

## B- Statistical Information:

No. of students **attending** the course: No.  %

No. of students **completing** the course: No.  %

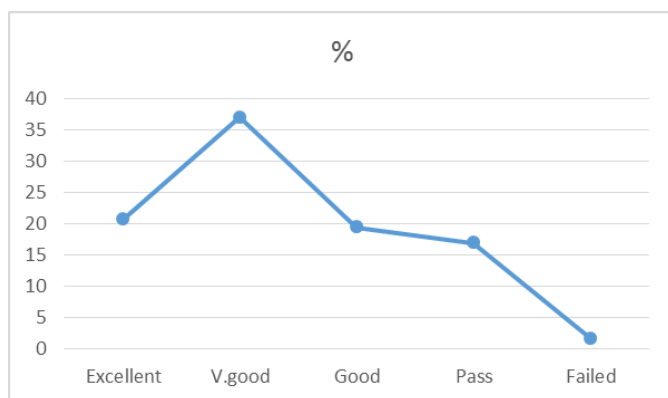
### Results:

Passed: No. **820** %  Failed: **14** %   
No.

### Grading of successful students:

Excellent: No.  %  Good:  %   
No.

Good : No.  %  Pass:  %   
No.



### C- Professional Information:

#### 1 - Course teaching

Topics actually taught	No. of hours	Lecturer
General introduction to microbiology and historical review •Description of microorganisms Classification and types of Microorganisms •Brief description of viruses, fungi and protozoa •Bacteria: description and classification •Anatomy and structure of bacterial cells •Growth and cultivation of bacteria, bacterial growth curve	14	Prof. Nehal Elsayed Yossef
• <b>Microbial metabolism</b> • Introduction to immunology •Introduction to immunology •Immunity – innate immunity Immune system • Cells of immune response Immunogens or antigens • Acquired immune response	14	Ass. Prof. Hisham Abbas

<b>Microbial genetics</b> <ul style="list-style-type: none"> <li>•Transcription and Protein synthesis</li> <li>•Genetic variation <ul style="list-style-type: none"> <li>••Genetic Transfer among bacteria</li> <li>Cell mediated immunity</li> </ul> </li> <li>• Humoral immune response And Cytokines</li> <li>• Agglutination and complement fixation reactions</li> <li>• Immunologic mechanisms of tissue damage</li> <li>• Hypersensitivity reactions</li> <li>• Transplantation immunology</li> <li>• Autoimmune diseases</li> <li>• Tumour immunology</li> <li>• Immunoprophylaxis</li> </ul>	14	Ass. Prof. Amira El-Ganiny
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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:	**
Others: videos	**

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

**3- Student assessment:**

<b>Assessment method</b>	<b>Marks</b>	<b>Percentage</b>
<b>Activity</b>	10	6.7 %
<b>Midterm exam</b>	15	10 %
<b>Practical exam</b>	30	20 %
<b>Final written exam</b>	75	50%
<b>Oral exam</b>	20	13.3%%
<b>TOTAL</b>	150	100%

**Members of examination committee:**

**- Written exams preparation:**

1. Prof. Nehal Elsayed Yossef
2. Ass. Prof. Amira El-Ganiny
3. Ass. Prof. Hisham Abbas

**Oral exam:**

1. Prof. /Fathy serry
2. Prof. /Ashraf Kadry
3. Prof. Dr. Hemmat Kamal
4. Prof Dr. Ghada Hamed Shaker
5. Prof. Nehal Elsayed Yossef
6. Ass. Prof. Amira El-Ganiny
7. Ass. Prof. Hisham Abbas
8. Dr. Momen Askora

**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:**

<b>Student evaluation</b> (List any criticisms)	<b>Response of course team</b>
Students are satisfied about the course but they need the information to be more clear and connected to practical	Adding more videos during lectures and practical sessions

**7- Comments from external evaluator(s):  
course team**

- The course was well designed
- ILOs were properly written
- Signatures were absent

**Response of**

The report will be signed by course coordinator

**8- Course enhancement:**

**Progress on actions identified in the previous year's action plan:**

Action

State whether or not completed and give reasons for any non-completion

Updating Students Notes

Completed

**9- Action plan for academic year 2019 - 2020**

<b>Actions required</b>	<b>Completion date</b>	<b>Person responsible</b>
Add some videos to help in understanding the information during lectures & practical sessions	Sep 2019	<b>Course team</b>
At least 30% of the final	Sep 2019	<b>Course team</b>

exam questions will be short essay for proper estimation of students achievement of ILOs and to reach normal distribution of grades		
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**Course coordinator:** Prof. Nehal Elsayed Yossef

**Signature:**

**Date:** 30/9/2019



**COURSE REPORT**

**Physiology**

**Second year – second  
Term  
2018-2019**



## Course Report of Physiology (2018-2019)

**University:** Zagazig  
Toxicology

**Faculty:** Pharmacy

**Department:** Pharmacology &

### A- Basic Information:

**1. Title and code:** Physiology (PT220)

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

**3. Year/ Level of programme:** Second year (Second semester)

**4. Units/Credit hours:** 2 hrs/week

Lectures

Tutorial/Practical

Total

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

Prof. Dr. Hany El-Bassossy

Dr. Shaimaa Samy

Dr. Noura Ahmed Hassan

**6. Course coordinator:** Prof. Dr. Hany El-Bassossy

**7. External evaluator:** Prof. Dr. Alaa ElSisi(Tanta university)

### B- Statistical Information:

No. of students attending the course:

No.  %

No. of students completing the course:

No.  %

Results:

Passed: No.  %  Failed:

No.  %

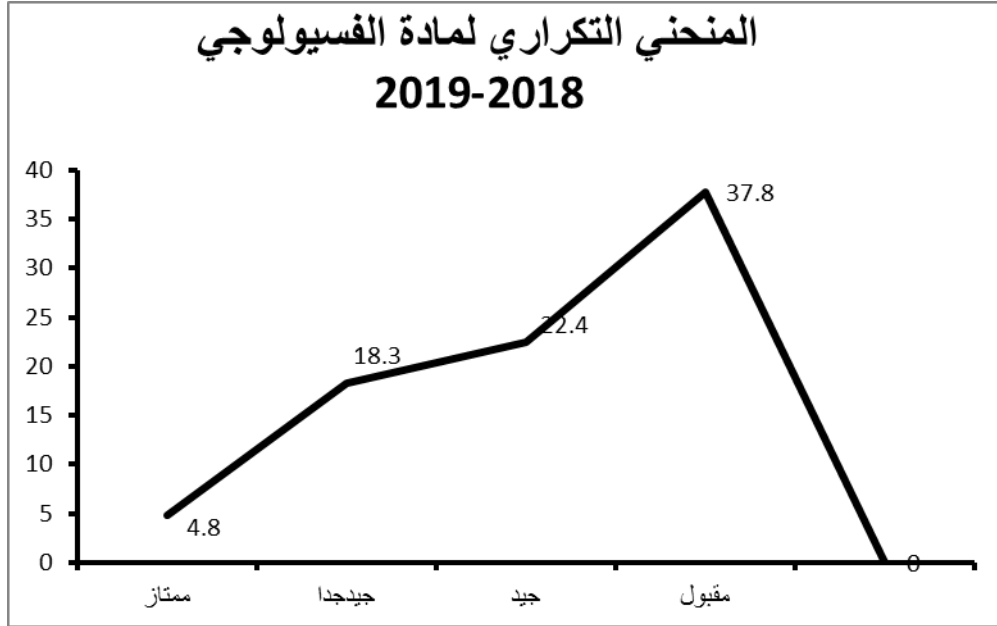
Grading of successful students:

Excellent: No.  %  Very Good:

No.  %

Good : No.  %  Pass:

No.  %



### C- Professional Information:

#### 1 - Course teaching:

Topics actually taught	No. of hours	Lecturer
Physiology of the membrane, nerve and muscle	2	Prof. Dr. Hany El-Bassossy
Physiology of the autonomic nervous system	2	Dr. Shaimaa Samy
Physiology of the somatic nervous system	2	Dr. Shaimaa Samy
Physiology of the central nervous system	4	Dr. Shaimaa Samy
Physiology of the cardiovascular system	4	Prof. Dr. Hany El-Bassossy
Physiology of the renal system	2	Prof. Dr. Hany El-Bassossy
Physiology of the pulmonary system	2	Dr. Shaimaa Samy
Physiology of the gastrointestinal system	2	Dr. Noura Ahmed Hassan
Physiology of the endocrine system	6	Dr. Noura Ahmed Hassan

#### 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 type="checkbox"/>
Seminar/Workshop:	<input type="checkbox"/>
Class activity:	<input 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: other methods of teaching and learning were used such as self-learning, reports, group discussion, internet search... to increase the interaction between the lecturers and students, as well as to develop the writing and presentation skills of the students.

## 3- Course learning outcome assessment:

Method of assessment	Percentage of total
Midterm	20
Written examination	80
Total	100
Members of examination committee	<b>Prof. Dr. Hany El-Bassossy</b> <b>Dr. Shaimaa Samy</b> <b>Dr. Noura Ahmed Hassan</b>

## 4- Facilities and teaching materials:

Totally adequate	<input checked="" type="checkbox"/>
Adequate to some extent	<input type="checkbox"/>
Inadequate	<input type="checkbox"/>
List any inadequacies:	<input type="checkbox"/>

**5- Administrative constraints:**

List any difficulties encountered: no constraints

**6- Student evaluation of the course:**

List any criticism	Response of course team
Not enough teaching hours	Reduce the teaching content without prejudging the ILOs
No electronic means for the course	Create more electronic resources

**7- Comments from external evaluator(s):**

Comments	Response of course team
the course is a good starting point for next level courses such as pharmacology, bioassay and toxicology	-----
The references are old	update references

**8- Course enhancement:**

1. Progress on actions proposed for improving the course in previous course reports (if any).			
Actions recommended from the most recent course report(s)	Actions Taken	Action Results	Action Analysis
a. enhance the self-learning abilities of students by using different teaching and learning methods such as group discussion	Done		

2. Action Plan for Next Semester/Year				
Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
Rearrange the theoretical content of the course according to the ILOs			2019-2020	Course Coordinator

include activities in the course to increase the self-learning of students			2019-2020	Course Team
increase the electronic resources			2019-2020	Course Team
Evaluate the course through measuring ILOs achievement			2019-2020	Course Team

Signature:

Date:                    /        /



**COURSE REPORT**

**Psychology**

**Second year – second  
Term  
2018-2019**

## Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department:

.....

### Course Report

#### A- Basic Information

1. Title and code: علم النفس PS220

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

3. Year/ Level of programme: second year- second term

4. Units/Credit hours: .....

Lectures

Tutorial/Practical

Total

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

أ.د/ الشناوى عبد المنعم الشناوى

أ.د/ عادل سعد خضر

Course co-ordinator:

أ.د/ الشناوى عبد المنعم الشناوى

External evaluator:

#### B- Statistical Information

No. of students attending the course:

No.  %

No. of students completing the course:

No.  %

Results:

Passed: No.  100%

Failed:  %   
No.

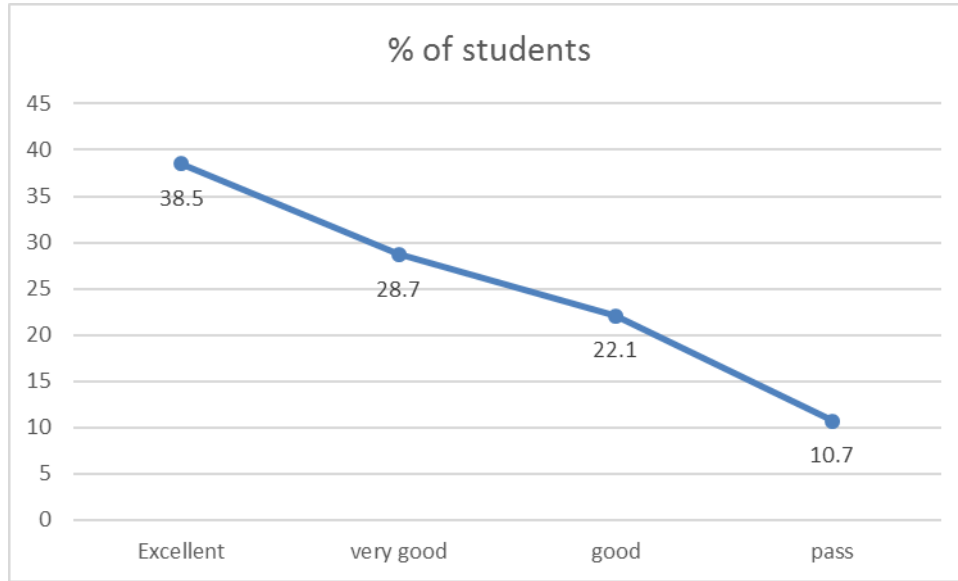
Grading of successful students:

Excellent: No.  %

Very Good:  %   
No.

Good : No.

Pass:  %   
No.



## C- Professional Information

### 1 - Course teaching

Topics actually taught	No. of hours	Lecturer
- مدخل إلى علم النفس		أ.د/ الشناوى عبد المنعم الشناوى
- ما هو التعلم؟		
- التعلم الشرطي و الوقائع التجريبية و تفسيره		
- القواعد الأساسية للتعلم الشرطي و تطبيقاته		أ.د/ الشناوى عبد المنعم الشناوى
- الدافعية و تعريفاتها و أهمية الدوافع و خصائصها		
- أنواع الدوافع و خصائصها و أهميتها في التعلم		أ.د/ عادل سعد خضر
- الشخصية و تعريفاتها و محدداتها و مكوناتها		
- الشخصية و نظرياتها و طرق قياسها		
- الذاكرة و تعريفاتها و نماذجها و أنواعها		
- معنى التنشئة الاجتماعية و ديناميات		
- السلوك و أنواع العلاقات الاجتماعية		



- الجماعة و خصائصها و أهميتها للفرد و المجتمع و أنواع الجماعات		أ.د/ عادل سعد خضر
- التوجيه و الاختيار المهني و الفروق الفردية		
- الذكاء و حل المشكلات		
- العمليات العقلية النفسية (الإحساس- الانتباه- الإدراك- التذكر- التفكير) خطواتها و خصائصها و أنواعها		

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 type="checkbox"/>
Seminar/Workshop:	<input type="checkbox"/>
Class activity:	<input 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: --

3- Student assessment:

Method of assessment	Percentage of total
Midterm exam	10
Final Written examination	40
Total	50

Members of examination committee

أ.د/ الشناوى عبد المنعم الشناوى

أ.د/ عادل سعد خضر

4- Facilities and teaching materials:

Totally adequate

√

Adequate to some extent

Inadequate

-

List any inadequacies

-

5- Administrative constraints

List any difficulties encountered

No administrative constraints

6- Student evaluation of the course:  
course team

Response of

List any criticisms

Students were satisfied about the course

7- Comments from external evaluator(s):  
course team

Response of

-

8- Course enhancement:

Progress on actions identified in the previous year's action plan:

Action

State whether or not completed and give reasons for any non-completion

Revision of course content

Completed

9- Action plan for academic year 2019 - 2020

Actions required	Completion date	Person responsible
Revision of course content and references	2019 – 2020	Course team

Course coordinator:  
أ.د/ الشناوى عبد المنعم الشناوى

Signature:

Date:                    /       /



