

COURSE REPORTS

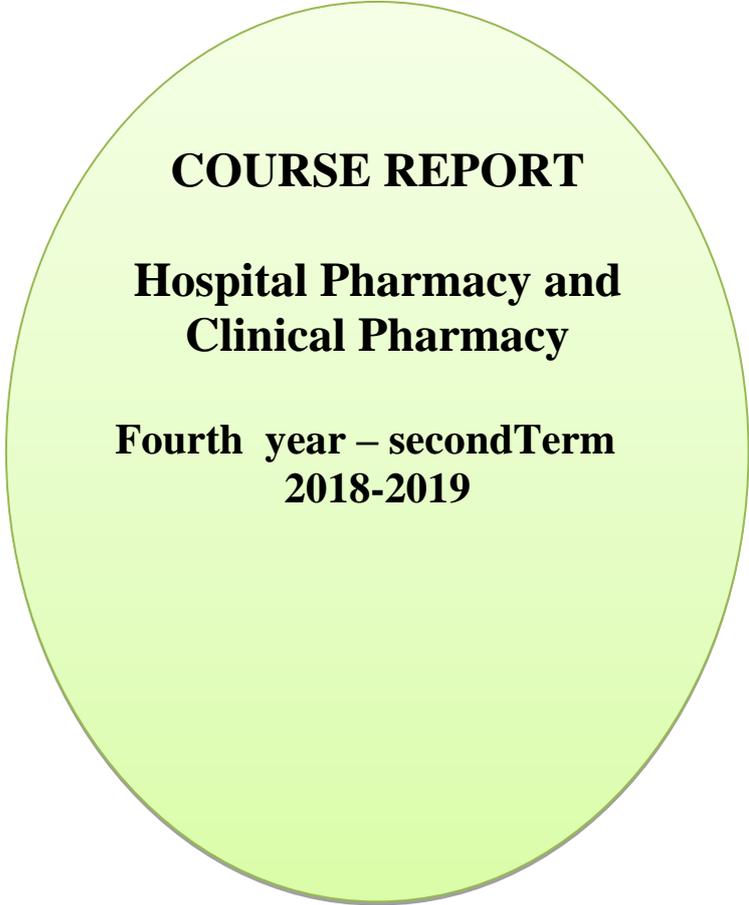
Faculty of Pharmacy

Fourth Year – Second Term

2018-2019

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COURSE REPORT

**Hospital Pharmacy and
Clinical Pharmacy**

**Fourth year – secondTerm
2018-2019**

Annual Course Report of Hospital and clinical pharmacy

University: Zagazig Faculty: Pharmacy Department: Pharmacy practice
Course Report

A- Basic Information

1. Title and code: Hospital pharmacy and Clinical pharmacy code: **PP420**
2. Programme(s) on which this course is given: Bachelor of Pharmacy
3. Year/ Level of programme: 4th year (2nd semester)
4. Units/Credit hours:

Lectures Tutorial/Practical Total

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

i Assis Prof. Gehan Fathy Attia

ii Dr. Shereen Sabri

Course co-ordinator: Assis Prof. Gehan Fathy Attia

External evaluator: Prof. Mohamed Ali Attia Shafae- Assuit
University

B- Statistical Information

No. of students attending the course: No. %

No. of students completing the course: No. %

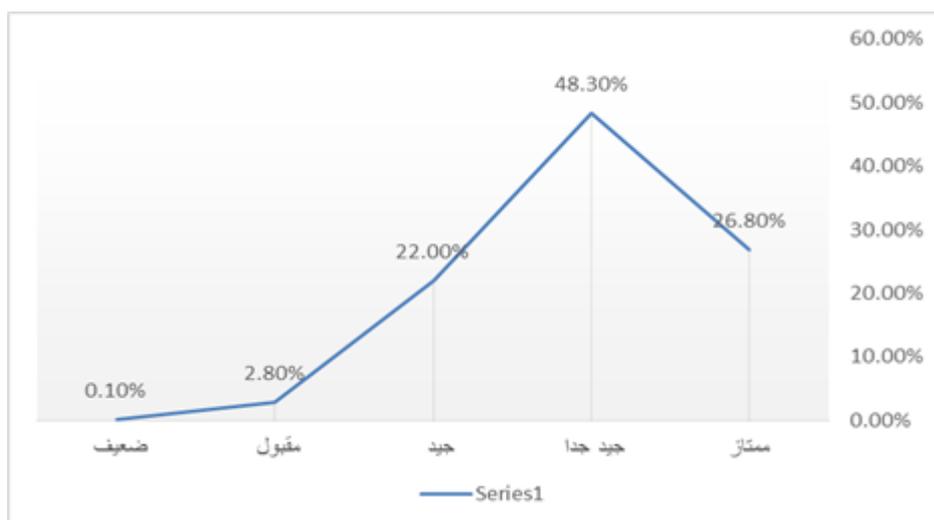
Results:

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
Orientation to hospital pharmacy	2	Dr. Shereen Sabry
Introduction to hospital pharmacy -Responsibilities of hospital pharmacist	2	
- Pharmacy and therapeutic committee - Hospital formulary	2	
Hospital drug distribution systems	2	Dr. Gehan Fathy
Dispensing process	2	
Dispensing of radiopharmaceuticals	2	
Dispensing of vaccines	2	
Medication errors	4	
Dispensing of controlled drugs	2	
Pharmacovigilance & adverse drug reactions	2	Dr. Shereen Sabry
Rational drug use	2	
IV admixture and TPN	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 training/ laboratory:	**
Seminar/Workshop:	-
Class activity:	**
Case Study:	-

Other assignments/homework:

Students were asked to interview a patient and taking medical history and then present as a video

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

Think/pair/share

3- Student assessment:

Assessment method	Marks	Percentage
Midterm exam	10	10%
Final written exam	50	50%
Hospital visit report	5	5%
Practical practice & exam	20	20%
Oral exam	15	15%
TOTAL	100	100%

Members of examination committee:

- Written exams preparation: Assis. Prof. Gehan Balata, Dr. Shereen Sabry
- Oral exam: Professors Fakhar Ghazi, Mahmoud Abd ElGhani, Hanan ElNahas, Nagia ElMegrab, Hanaa ElGhamri

Assis. Prof Gehan Balata, Azza Hassan

Dr. Mohamad Wali, Eman Gomaa

4- Facilities and teaching materials:

Totally adequate	-
Adequate to some extent	**
Inadequate	-
List any inadequacies	Unavailability of required medicines for extemporaneous compounding

5- Administrative constraints

List any difficulties encountered

No administrative constraints

6- Student evaluation of the course: Response of course team

List any criticisms

- Students need more practical applications through considered in the next year
- They need more enhancement of the book
- Generally students were satisfied about the course

No evaluation results were received

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

- The evaluators were satisfied about the course and the exam questions
- Generally, the course is well designed and has clear ILOs

8- Course enhancement:

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

Action	State whether or not completed and give reasons
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	for any non-completion
Updating Students Notes	Completed
Proper arrangement of hospital visit	cancelled and include another activity

9- Action plan for academic year 2019 - 2020

Actions required responsible	Completion date	Person
1- Add handling and dispensing of Biotechnology products and cytotoxic drugs coordinator	Sep 2019	Course
2- Add simulation lab for developing practice skills coordinator	Sep 2019	Course
3- Cancel hospital visit and change Course coordinator the activity into run an interview with a patient to collect required information for patient profile and then prepare a video for this interview	Sep 2019	
4- 30% of the final exam questions will be Course team short essay for proper estimation of students achievement of ILOs and to reach normal distribution of grades	December 2019	

Signature: Dr. Gehan Fathy

Date: / /

COURSE REPORT

**Biotechnology of
Natural Product**

**Fourth year – secondTerm
2018-2019**

Course Report of Biotechnology of Natural Products (2018-2019)

University: Zagazig
Pharmacognosy

Faculty: Pharmacy

Department:

A- Basic Information:

1. Title and code: **Biotechnology of natural products, PG 426**
2. Programme(s) on which this course is given: Bachelor of Pharmacy
3. Year/ Level of programme: Fourth year/Second semester
4. Units/Credit hours:

Lectures Tutorial/Practical Total

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

Prof. Samih ElDahmy,

Prof. Zeinab Ibrahim,

Dr. Rehab Hamed,

Dr. Ahmed Mustafa,

Dr. Rasha Adel.

6. Course coordinator: Prof. Samih El-Dahmy

7. External evaluator: Prof. Ali Mohamed ElSayed.

B- Statistical Information:

No. of students attending the course: No. %

No. of students completing the course: No. %

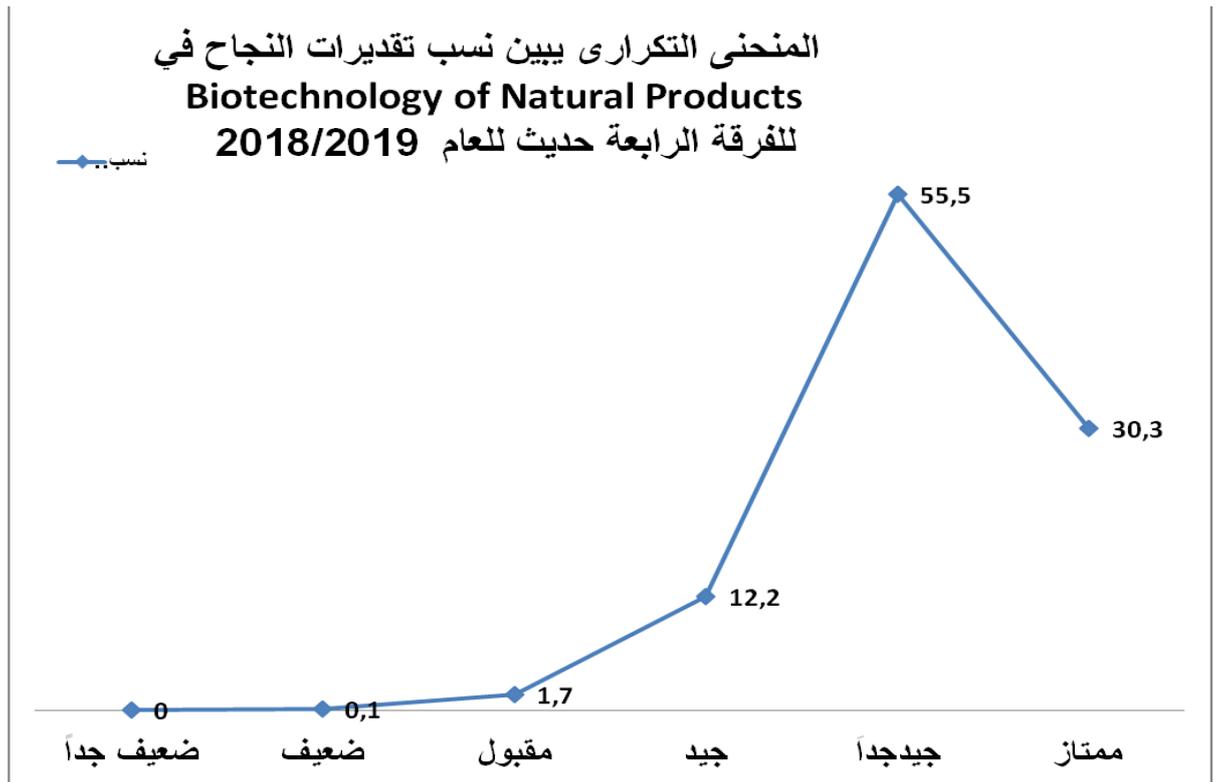
Results:

Passed: No. % Failed: No. %

Grading of successful students:

Excellent: No. 263 % 30.30 Very Good: 481 % 55.50
No.

Good : No. 106 % 12.20 Pass: 15 % 1.70
No.



C- Professional Information:

1 - Course teaching:

Topics actually taught	No. of hours	Lecturer
- Introduction to plant tissue culture - Plasticity and totipotency. - The culture enlivenment. - Plant cell culture media.	6	Prof. Zeinab Ibrahim.
- Plant growth regulators - Culture types - Plant regeneration		

Micropropagation		
<ul style="list-style-type: none"> - Introduction to plant biotransformation - Biotransformation using plant cells and organ culture. - Pathway transformation. 	4	Dr. Rehab Hamid.
<ul style="list-style-type: none"> - Biotransformation using immobilized cell culture. -Genetic engineering approach towards transformation. - Biotransformation using plant enzymes. - Biotransformation of selected secondary metabolites. 		
<ul style="list-style-type: none"> - Introduction of plant genetics - A natural vehicle for introducing new gene into plant. 	6	Dr. Rasha Adel
<ul style="list-style-type: none"> - Horizontal gene transformation - The Ti plasmid and plant genetic engineering 		
<ul style="list-style-type: none"> - The role of organisms in genetic engineering. - Application and purpose of plant genetic engineering 		
<ul style="list-style-type: none"> - Genetic engineering of biosynthetic enzymes for natural products - Genetically engineered plant fats 	4	Prof. Samih El-Dahmy
<ul style="list-style-type: none"> - Production of candidate vaccines in plant tissue. - Genetic markers for plant breeding (DNA polymorphism) 		
<ul style="list-style-type: none"> -Authentication of components from a mixture of herbal materials by genetic engineering techniques. 	4	Dr. Ahmed Mustafa
<ul style="list-style-type: none"> - Other purposes of genetic engineering. 		

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 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:

- Videos for demonstration.
- Activities (internet search about different topics including tissue culture techniques, DNA extraction...etc, then presenting data as a report and presentation).

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%

Note: students were assessed through interpretation of some videos demonstrating different biotechnology techniques.

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. Ali Mohamed ElSayed.
21	Prof. Mona Zaghlol
22	Prof. Magda Fathy
23	Dr. Hatem Samir

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 seventh week of each semester (10% of the grade from written exam)	complete

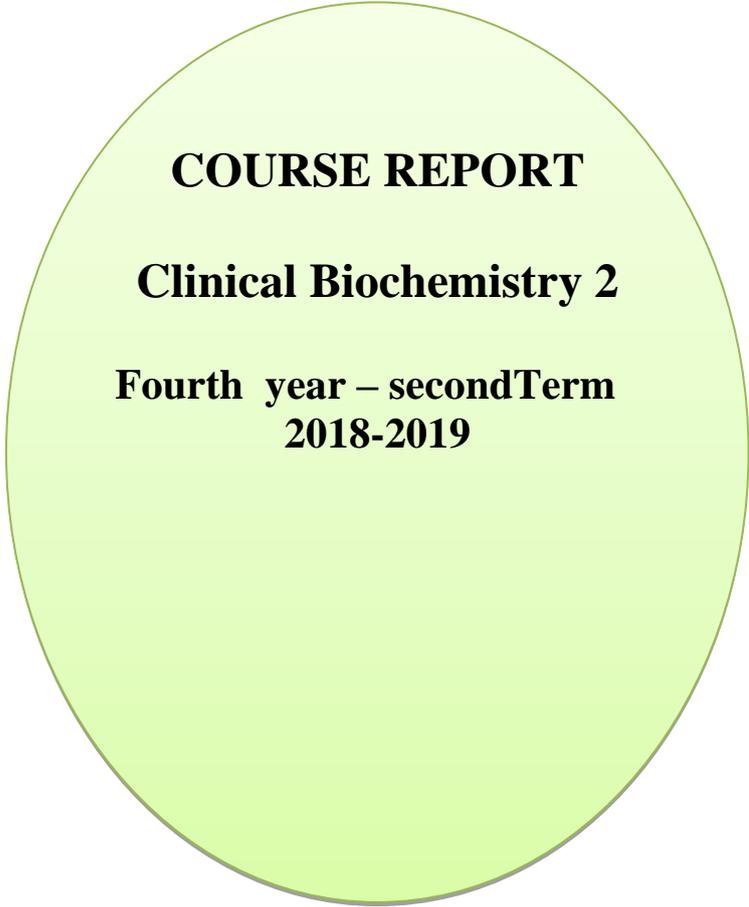
9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
- Addition of other activities to enhance the students to develop self-learning abilities.	2019/2020	- Course team.
- Contextualization of the course at the beginning of the course.	2019/2020	- Course team. - Vice dean for education & students affairs.

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

Signature:

Date: / /2019



COURSE REPORT

Clinical Biochemistry 2

**Fourth year – secondTerm
2018-2019**

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Biochemistry

A – Basic Information:

1. **Title and Code:** Clinical Biochemistry II BC 423
2. **Program(s) on which this course is given:** Bachelor of pharmacy.
3. **Year / Level of programs:** fourth year / second term
4. **Units / Credit hours:**-----

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

- Prof. Dr. Sousou Ibrahim
- Dr. Rana Gamal
- Dr. Gehad Elnagar

6. **Course coordinator:**

- Dr. Rana Gamal

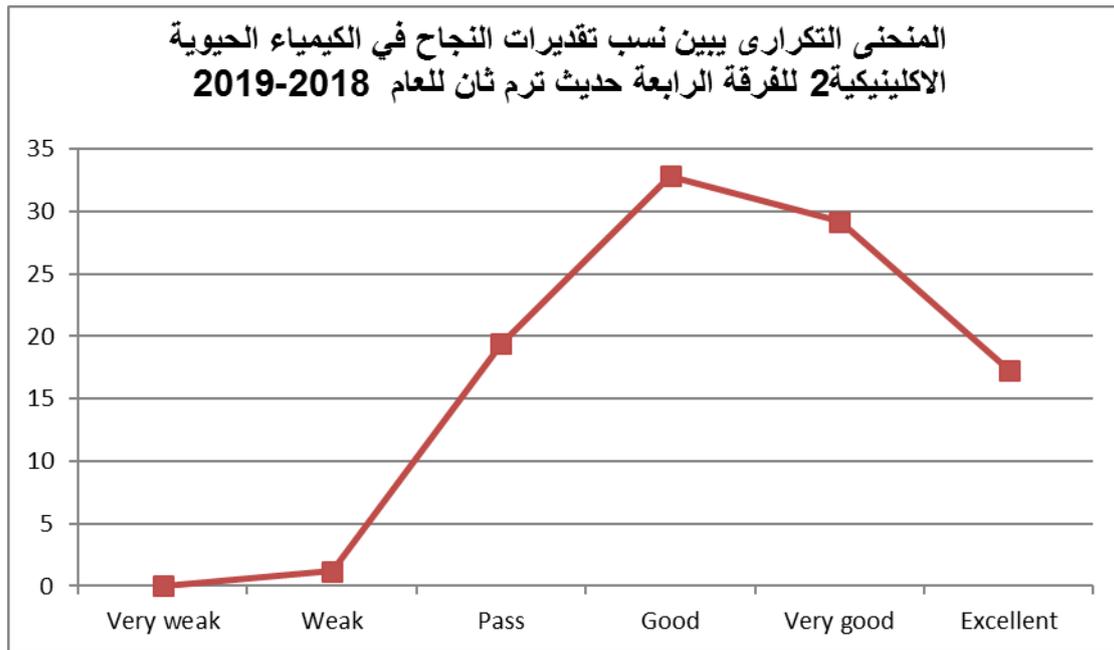
7. **External evaluators:**

- Prof. Dr. Nahla El-Ashmawy (Tanta University)

B- Statistical Information:

No. of students attending the course	607	100%
No. of students completing the course	607	100%

Results:					
Passed	605	99.67 %	Failed	2	0.2 %
Grade Distribution:					
Excellent	150	17.3 %	Very good	253	29.2 %
Good	284	32.8 %	Pass	168	19.4 %
Weak	10	1.2%	Very weak	0	0



C- Professional Information:

1- Course teaching:

Topic	No of hours	Lecturers
Organ biology (liver, kidney, heart)	4	• Dr. Rana Gamal
Gastrointestinal tract	4	
Blood function and composition	4	• Prof. Dr. Sousou Ibrahim
Anemia	4	
Urine analysis	4	• Dr. Gehad Elnagar
Genetic testing	4	

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:** other methods of teaching and learning were used such as reports, 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- Student Assessment

Method of Assessment	Percentage of total %
Written examination	50%
Oral examination	15%
Practical / Laboratory work including Activity (reports)	25%
Periodical examination	10%
Total	100%

Members of examination committee:

- Prof. Dr. Sousou Ibrahim
- Dr. Rana Gamal
- Dr. Gehad Elnagar

4- Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

List any inadequacies:

5- Administrative Constraints: Crowded practical sections due to the large number of students.

6- Students evaluation of the course:

Students evaluation of the course	Response of course team
The course contents were clear and explained clearly	-----
Students need more videos during lectures	Not all parts of the course content could be illustrated by videos but by cleared images only
Students need more interaction between them and lecturer during the lecture	Interaction between students and lecturer would be increased in next year by supporting their sharing during lecture

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
The course contents were clear	-----

8- Course Enhancement:

Action	State whether or not completed and give reasons for any non completion
Holding two practical exams for effective evaluation of students.	Completed
Support self learning through internet searches	Completed
Improvement of the student book to be more attractive	Completed

9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
Measuring course ILOS	2019-2020	Course team

Course Co-ordinator: Dr. Rana Gamal

Date:

University: Zagazig

Faculty: Pharmacy

Department: Biochemistry

A – Basic Information:

8. Title and Code: Clinical Biochemistry I and II (BC 412 & BC423)

9. Program(s) on which this course is given: Bachelor of Pharmacy.

10. Year / Level of programs: Fourth year (first and second semester)

11. Units / Credit hours:-----

Clinical Biochemistry 1 (First semester):

Lectures	2 hrs.	Practical sessions	2hrs.	Total	3 hrs.
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Clinical Biochemistry 2 (Second semester):

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

- Prof. Dr. Mohamed Elsweidy
- Ass. Prof. Nahla N. Younis
- Prof. Dr. Sousou Ibrahim
- Dr. Rana Gamal
- Dr. Gehad Elnagar

13. Course coordinator:

- Ass. Prof. Nahla N. Younis (Clinical Biochemistry-1)
- Dr. Rana Gamal (Clinical Biochemistry-2)

14. External evaluators:

- Prof. Dr. Nahla Elsayed ElAshmawy (Tanta University)

B- Statistical Information:

No. of students attending the course	867	100%
No. of students completing the course	867	100%

Results:

Passed	855	98.61%	Failed	12	1.38 %
Grading of successful students:					
Excellent	85	9.8 %	Very good	269	31.02%
Good	308	35.52%	Pass	190	21.91%
Weak	14	1.61%	Very weak	1	0.11%



C- Professional Information:

5- Course teaching:

Topic	No of hours	Lecturers
<ul style="list-style-type: none"> • Introduction to clinical biochemistry. • Proteins and proteins of inflammation and the immune system. • Cancer biology and tumor markers • Disorder of lipid metabolism 	12	<ul style="list-style-type: none"> • Prof. Dr. Mohamed Elswaidy
<ul style="list-style-type: none"> • Disorder of carbohydrate metabolism 	12	<ul style="list-style-type: none"> • Ass. Prof. Nahla N. Younis

<ul style="list-style-type: none"> • Disorders of endocrine system • Clinical biochemistry in pediatrics and geriatrics. 		
<ul style="list-style-type: none"> • Organ biology (liver, kidney, heart) • Gastrointestinal tract 	8	<ul style="list-style-type: none"> • Dr. Rana Gamal
<ul style="list-style-type: none"> • Blood function and composition • Anemia 	8	<ul style="list-style-type: none"> • Prof. Dr. Sousou Ibrahim
<ul style="list-style-type: none"> • Urine analysis • Genetic testing 	8	<ul style="list-style-type: none"> • Dr. Gehad Elnagar

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: -----**

6- 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:** other methods of teaching and learning were used such as 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.

7- Student Assessment

Method of Assessment	Percentage of total %
Written examination	50%
Midterm exam	10%
Oral examination	15%
Practical / Laboratory work including Activity (report)	25%
Total	100%

Members of examination committee:

- 8- Prof. Dr. Mohamed Elswedy
- 9- Ass. Prof. Nahla N. Younis
- 10- Prof. Dr. Sousou Ibrahim
- 11- Dr. Rana Gamal
- 12- Dr. Gehad Elnagar

Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

List any inadequacies:

5- Administrative Constraints:

- Crowded practical sections due to the large number of students.

6- Students evaluation of the course: 80%

Student evaluation of the course	Response of course team
Students need questions bank for clinical biochemistry 1 course before exam	This point will be taken in concern in next year
The practical course should be more detailed to be more linked	This point will be taken in concern in next year

with the external practical skills	
The course contents were clear and explained clearly	-----
Students need more videos during lectures	Not all parts of the course content could be illustrated by videos but by cleared images only
Students need more interaction between them and lecturer during the lecture	Interaction between students and lecturer would be increased in next year by supporting their sharing during lecture

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
The course contents were clear	-----

8- Course Enhancement:

Action	State whether or not completed and give reasons for any non completion
Holding two practical exams for effective evaluation of students.	Completed
Support self learning through internet searches	Completed
Improvement of the student book to be more attractive	Completed

9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
Measuring course ILOS	2019-2020	Course team

Course Co-ordinator:

- Ass. Prof. Nahla N. Younis (Clinical Biochemistry-1)
- Dr. Rana Gamal (Clinical Biochemistry-2)

Signature:

Date:



COURSE REPORT

Bioassay 2

**Fourth year – secondTerm
2018-2019**

Course Report of Bioassay-2

University: Zagazig **Faculty:** Pharmacy **Department:**
Pharmacology and toxicology

A- Basic Information:

1. **Title and code: Bioassay-2 PT426**
2. **Program(s) on which this course is given: Bachelor of Pharmacy**
3. **Year/ Level of program: Fourth year (second semester)**
4. **Units/Credit hours:**

Lectures Tutorial/Practical Total

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

- **Prof. Dr/ Mona Fouad**
- **Dr / Eslam Ahmed**

6. **Course coordinator: Prof. Dr/ Mona Fouad**

7. **External evaluator: Prof.Dr/ Alaa El-Sissy (Tanta University)**

B- Statistical Information:

No. of students attending the course: No. %

No. of students completing the course: No. %

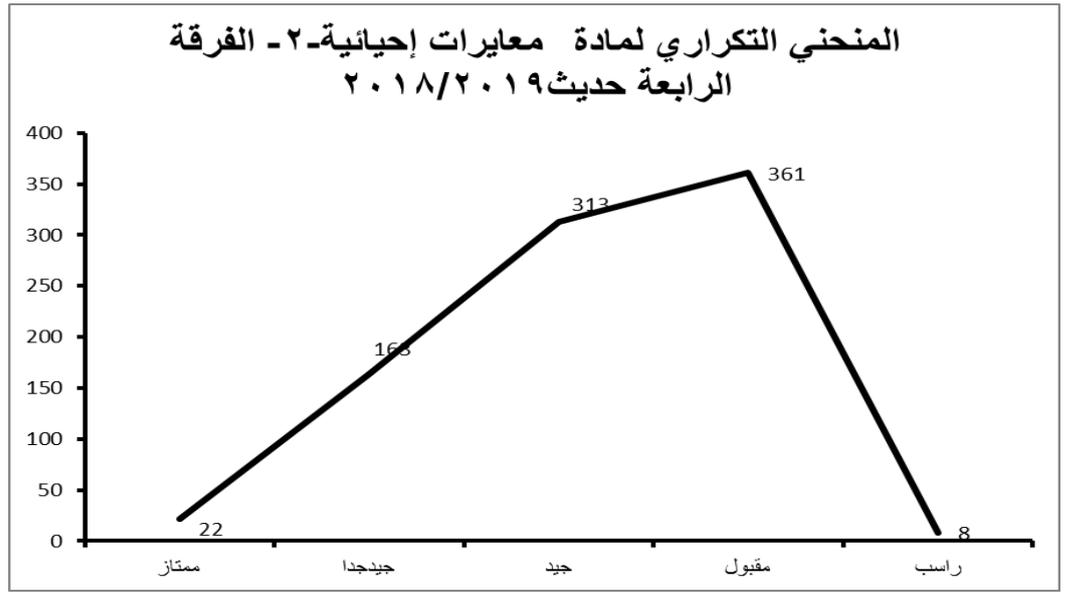
Results:

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
Distribution of total body fluid - - IV fluids	2	Prof. Dr/ Mona Fouad Dr / Eslam Ahmed
- Osmolality and osmolarity - Hypertonic saline	2	
- Hyponatremia and hypo-osmolar states	2	
- Hypernatremia and hyper-osmolar states	2	
- Potassium disorders	2	
- Disorders of Mg ⁺⁺	2	

- Disorders of Ca ⁺⁺		
- Disorders of phosphorus		
- Thyroid disorders	2	
- Pituitary gland disorders	2	
- Adrenal gland disorders	2	
- Estrogens and androgens	2	
- Obesity	2	
- Polycystic ovary syndrome	2	
- Diabetes mellitus	2	
- Revision	2	
- Open discussion	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:	<input 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:

Problem solving (solving various cases of electrolytes and endocrine disorders)

3- Student assessment:

Method of assessment total	Percentage of
Written examination:	50%
Periodic examination:	10%
Oral examination:	15%
Practical/laboratory work:	20%
Other assignments/class work:	5%
Total:	100%

Members of examination committee:

- Prof. Dr/ Mona Fouad
- Dr / Eslam Ahmed

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies:

- Inadequate lab equipments.

- Lack of internet connection in labs.

✓

5- Administrative constraints:

List any difficulties encountered:

- Crowded schedule
- No periodical maintenance for laboratory equipments

6- Student evaluation of the course: 76%

List any criticism	Response of course team
--------------------	-------------------------

Relation between course and the work market needs is weak	Updating the course content
Internet services are inadequate.	Addressing faculty dean to enhance internet services.
Course not has available electronic sources	Addition of electronic sources to the course
Condensed content	Revise contents and make required updates if any

7- Comments from external evaluator(s):

Comments	Response of course team
Using recent means and equipments to assess the drug effectiveness in labs	Taken in consideration next year
Using video cassettes for demonstration of some practical lessons.	Taken in consideration next year

8- Course enhancement:

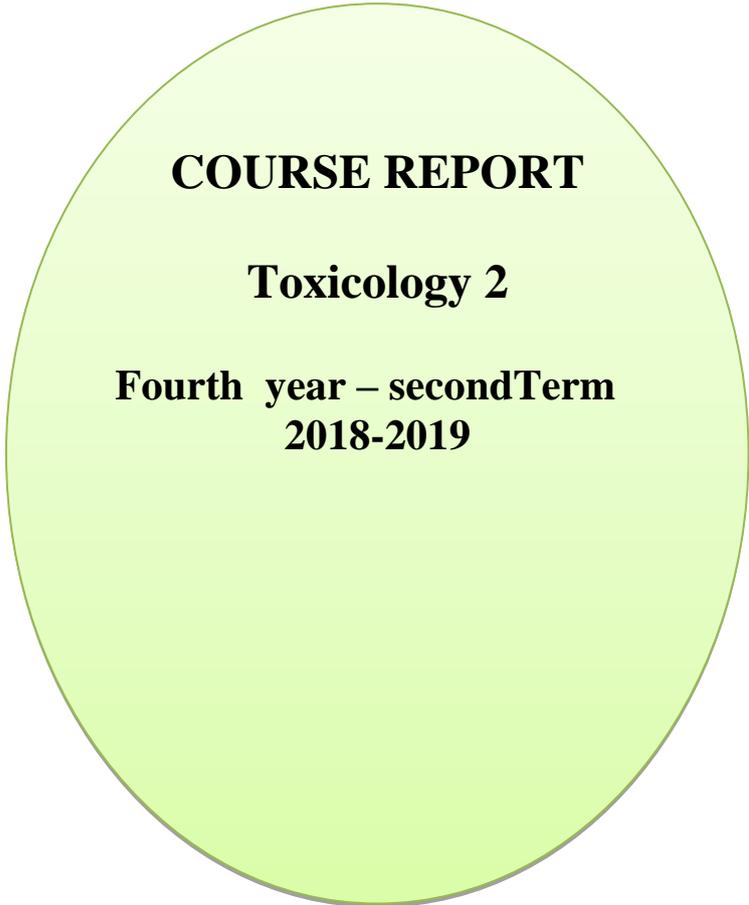
1. Progress on actions proposed for improving the course in previous course reports (if any).			
Actions recommended from the most recent course report(s)	Actions Taken	Action Results	Action Analysis
Holding periodical exam in sixth week of each semester (10% of written exam)	Not completed because of crowded schedule		
Surprise quiz to encourage students to attend lectures regularly	completed		
Supply lab by data show, chemicals, chairs, kymograph and experimental animals	completed		

2. Action Plan for Next Semester/Year				
Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
Holding periodical exam in seventh week of each semester (10% of written exam).		2019	2020-2019	-Faulty dean - Vice dean for education & students affairs

Revision of course content for any required updates		2019	2020-2019	Course team
Less crowded laboratory.		2019	2020-2019	Course team
Supplying the electronic sources of the course to students.		2019	2020-2019	Course team
Establishment of simulation lab		2019	2020-2019	Pharmacology department

Signature:

Date: / /



COURSE REPORT

Toxicology 2

**Fourth year – secondTerm
2018-2019**

Course report of ToxicologyII

University: Zagazig
Pharmacology & Toxicology

Faculty: Pharmacy

Department:

A- Basic Information:

1. Title and code: ToxicologyII (PT427)
2. Programme(s) on which this course is given: Bachelor of

Pharmacy

3. Year/ Level of programme: Fourth year/ semester8

4. Units/Credit hours:

Lectures Tutorial/Practical Total

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

- Prof.Dr/ Salah Gharieb
- Dr/Nesreen Ibrahim
- Course co-ordinator: Prof.Dr/ Salah Gharieb
- External evaluator: Prof.Dr/ Alaa El-sissy (Tanta university)

B- Statistical Information:

No. of students attending the course: No. %

No. of students completing the course: No. %

Results:

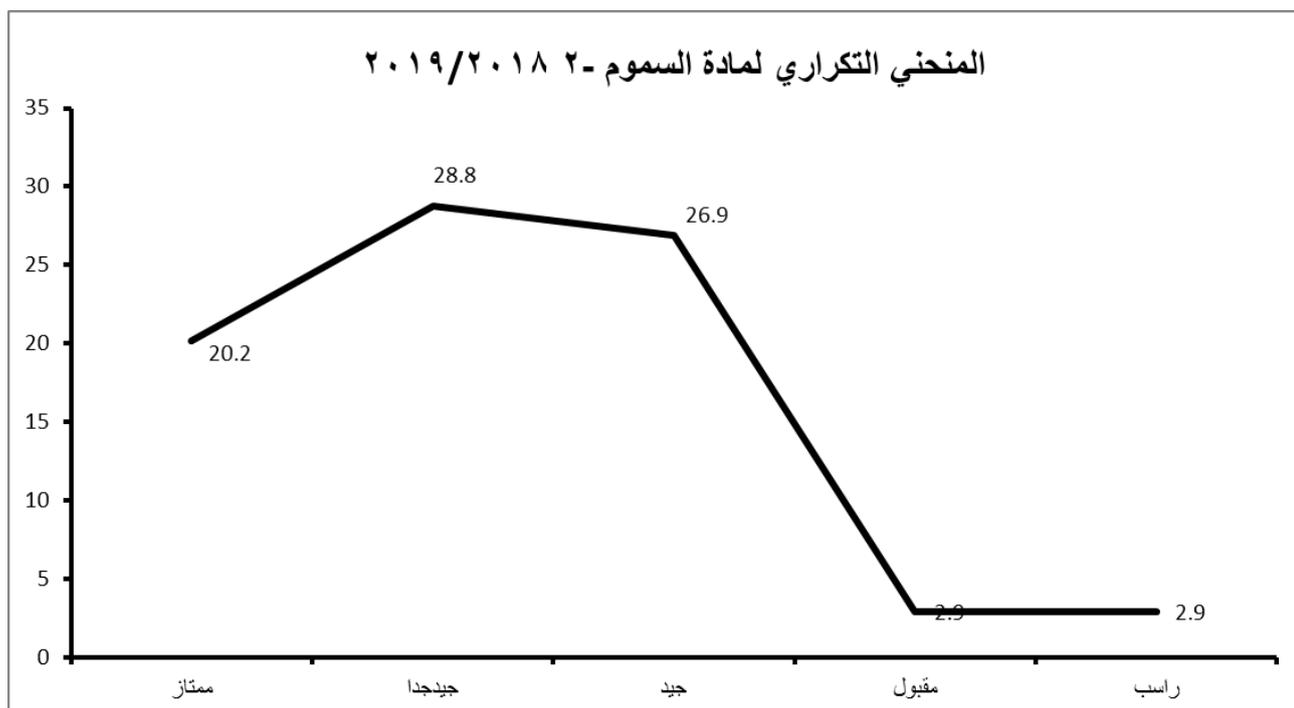
Passed: No. % Failed: No. %

Grading of successful students:

Excellent: No. % Very Good: No. %

Good : No. % Pass: %

No.



C- Professional Information:

1

Topics actually taught	No. of hours	Lecturer
- Introduction to anti-microbial drugs	2	• Dr/Nesreen Ibrahim
- Antiviral drugs part 1(Herpes, CMV)	2	
Antiviral drugs part 2(HIV, influenza	2	
-) Cancer chemotherapy(DNA alkylating drugs, Topoisomerase inhibitors)	2	
- Cancer chemotherapy (anthracyclinedrugs, vincaalkaloids,Platinum compounds)	2	
- Antiprotozoal drugs and Anthelmintics	2	
Teratogenicitypart1(Antihypertensive drugs, antiepliptic,Anticoagulant(2	
- - Teratogenicity part 2)Pregnancy: Therapeutic Considerations(2	

- Antimicrobial agents(cell wall synthesis inhibitors)	2	Prof Dr/ Salah Ghareib
- Antimicrobial agents(protein synthesis inhibitors)	2	
-Antifungal quinolones and urinary tract antiseptics)	2	
- Antimicrobial agents(Antifolate)	2	
Antimicrobial therapy(antimycobacterial drugs -Antifungal & open discussion	2	

- Course teaching

Topics taught as a percentage of the content specified:

>90% 70-90% <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures	<input type="text" value="**"/>
Practical training/ laboratory:	<input type="text" value="**"/>
Seminar/Workshop:	<input type="text" value="-"/>
Class activity:	<input type="text" value="**"/>
Case Study:	<input type="text" value="**"/>

Other assignments/homework:

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

Think/pair/share

3- Student assessment:

Assessment method	Marks	Percentage
Midterm exam	10	10%
Final written exam	50	50%
Activity in labs	5	5%
Practical practice & exam	20	20%
Oral exam	15	15%
TOTAL	100	100%

Members of examination committee:

- - Written exams preparation: Prof.Dr/ Salah Gharieb, Dr/Nesreen Ibrahim
 - Oral exam: Prof.Dr/ Salah Gharieb, Prof .Dr/ Rasha Abd El-Ghany, Prof .Dr/ Mona Fouad, Ass. Prof. Shima El Shazly, Dr/Nesreen Ibrahim , Dr/ Noura Ahmed , Dr / Shima Samy

4- Facilities and teaching materials:

Totally adequate -
Adequate to some extent **
Inadequate -
List any inadequacies

- Insufficient lab tools (equipments and chemicals)

5- Administrative constraints

List any difficulties encountered
Time and space constrains due to large number of students
No periodical maintenance for laboratory equipments

6- Student evaluation of the course:

By interviewing the students, they were satisfied about the course and assessment methods.

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

Comments	Response of course team
-Course is well designed and measurable -Clear learning outcomes	

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
Addition of more interactive topics in practical session's e.g. case study.	Has been performed
Using simulated video and computer aided learning in practical sessions	Not Completed

9- Action plan for academic year 2019 - 2020

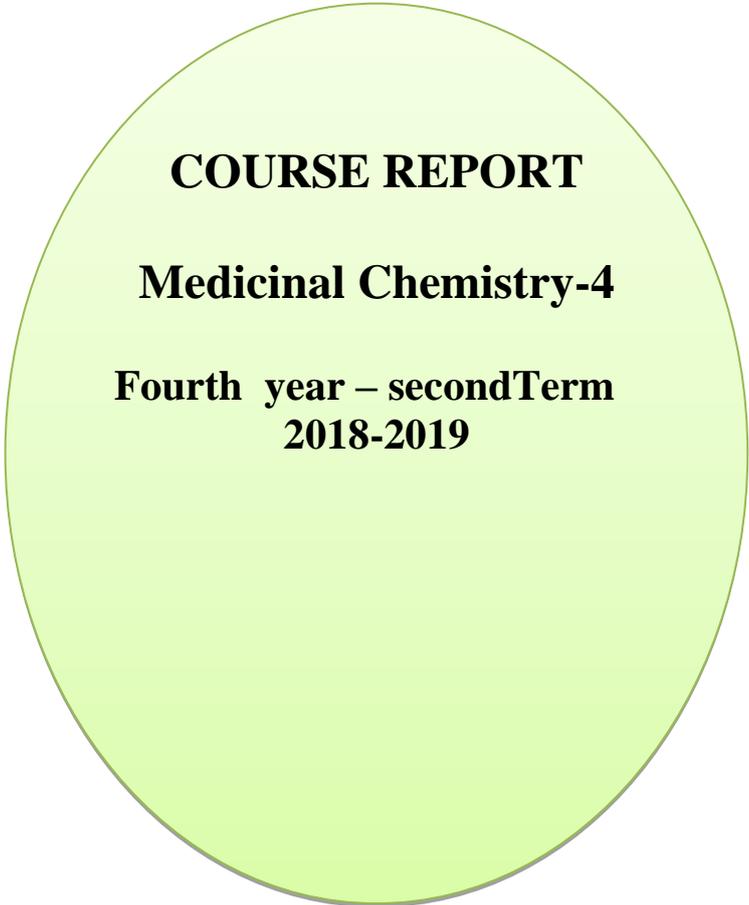
2. Action Plan for Next Semester/Year				
Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
Using simulated video and computer aided learning in practical sessions			2019-2020	- Course team.
Using additional learning and teaching methods such as group discussion to encourage students to interact effectively with lecturers			2018-2019	- Course team.
Organizing field visits to the university hospitals			2019-2020	- Course team.

Calling the library to save "Textbook of Modern Toxicology" as an important reference book.			2019-2020	- Course team.
Activating the faculty council decision by adopting a new mechanism for oral exam and using balanced question cards			2019-2020	- Course team.
Measurement of ILOS of course			2019-2020	- Course team.

Course coordinator:

Signature: **Prof.Dr. Salah Gharieb**

Date:2019 / /



COURSE REPORT

Medicinal Chemistry-4

**Fourth year – secondTerm
2018-2019**

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Medicinal Chemistry

A – Basic Information:

1. **Title:** Medicinal Chemistry IV **Code:** MC423
2. **Program(s) on which this course is given:** Bachelor of Pharmacy.
3. **Year / Level of programs:** Fourth year (second semester)
4. **Units / Credit hours:-----**

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

- Prof.Dr/ Mohamed El-husseney Elsadek
- Prof.Dr/ Samy Megahed Ibrahim
- Prof.Dr/ Mohamed Baraka
- Assist.Prof./Hend Kothayer
- Dr. samer Albarmawi

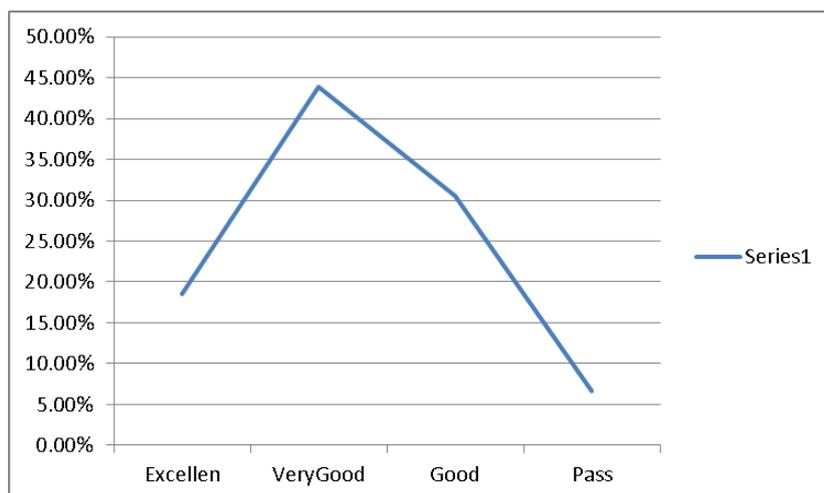
6. **Course coordinator:**

- Prof. Dr/ Samy Megahed Ibrahim

7. **External evaluator: -----**

B- Statistical Information:

Results:					
Passed	99.7 %		Failed	0.3%	
Grading of successful students:					
Excellent	160	18.5 %	Very good	381	43.9 %
Good	265	30.6 %	Pass	58	6.7 %



C- Professional Information:

1- Course teaching:

NO	Topic	Lecturers
1	Anti-histaminic agens.	Prof.Dr/ Mohamed Baraka
2	Antiulcer agens (H ₂ -antagonists,proton pump inhibitors & prostaglandins).	
3	Section 1.01 Water insoluble Section 1.02 vitamins	
4	Section 1.03 Water soluble Section 1.04 vitamins (vitamin B ₁ ,B ₂ ,B ₃ , B ₆)	Dr. samer Albarmawi
5	Steroids -Hormones(estrogens, progesterones) -Androgens, anabolic agents -Corticosteroids	Prof.Dr/Mohamed El-husseny Elsadek
6	Drug Design -Introduction in Drug design -Development of drugs -Drug Latentiation -Physicochemical factors & Drug receptor-interaction	Assist. Prof./ Hend Kothayer
7	Drug metabolism -Functionalization reaction (phase I) -Conjugation reactions (phase II) -Factors affecting drug metabolism)	Prof.Dr/Samy Megahed

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**

• **Student Assessment:**

Method of Assessment	Percentage of total %
Written examination	50%
Oral examination	15%
Practical exam	20%
Activity	5%
mid term exam	10%
Total	100%

Members of examination committee:

- Prof.Dr/ Mohamed El-husseny Elsadek
- Prof.Dr/ Mohammed Mohammed Barakah
- Prof.Dr/ Samy Megahed
- Assis.prof./Hend Kothayer

3- Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

- **List of inadequacy:-----**

5- Administrative Constraints:

No sustained maintenance for laboratory equipment

6- Students evaluation of the course:

Students evaluation of the course	Response of course team
Complain of low quality of book preparation.	Revision of course handout for any required updates

7- Comments from external evaluator(s):

Well structured course content and clear learning outcomes

8- Course Enhancement:

Action	State whether or not complete & give reasons for any non completion
Holding two practical exams for better evaluation of students	Not completed due to overcrowding of practical sessions schedule
Measurement of ILOS of course	Accomplished
Activating the faculty council decision by adopting a new mechanism for oral exam and using balanced question cards	Accomplished

9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
Providing the students with electronic sources for the courses instead of hard copy	2019-2020	-Vice-dean for education and students' affairs -Course team
Modifying the course specification for more correlation between ILOs and	2019-2020	Course team

course objectives		
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Course Co-ordinator: Prof. Dr/Samy Megahed Ibrahim

Signature:

Date: course report is approved in department council on

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Medicinal Chemistry

A – Basic Information:

8. **Title:** Medicinal Chemistry III and IV **Code:** MC412& MC423

9. **Program(s) on which this course is given:** Bachelor of Pharmacy.

10. **Year / Level of programs:** Fourth year (first and second semester)

11. **Units / Credit hours:**-----

Lectures	2 hrs 1 st	Practical sessions	2 hrs 1 st	Total	3 hrs 1 st
	2 hrs 2 nd		2 hrs 2 nd		3 hrs 2 nd

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

- Prof.Dr/ Mohamed El-husseiny Elsadek
- Prof.Dr/ Samy Megahed
- Prof.Dr/ Mohamed Baraka
- Assist.prof./Hend Kothayer El-hamalawy

13. **Course coordinator:**

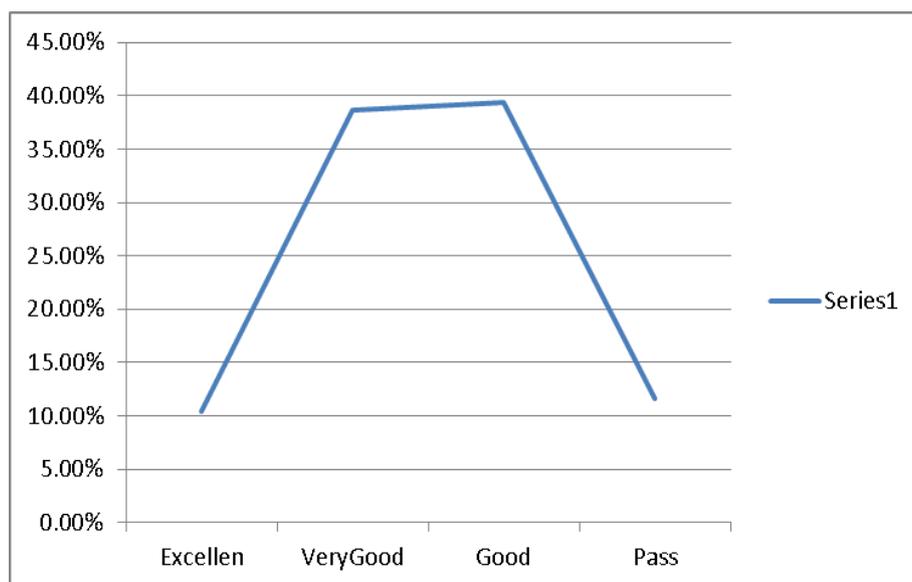
- Prof. Dr/ Samy Megahed

14. **External evaluator:**

B- Statistical Information:

No. of students attending the course	867	100 %
No. of students completing the course	0	0%

Results:					
Passed	864	99.6%	Failed	3	0.35%
Grading of successful students:					
Excellent	90	10.4%	Very good	334	38.7%
Good	340	39.4 %	Pass	100	11.6 %



C- Professional Information:

4- Course teaching:

- For first term:

Topic	Lecturers
NSAIDs & Narcoic analgesics.	Prof.Dr/ Mohamed Baraka
Drug acting on ANS Section 1.05	Prof.Dr/Mohamed El-husseney Elsadek & Dr. samer Albarmawi
CNS depressant	Prof.Dr/Samy Megahed
Anticovulsant	Dr/ Hend Kothayer
local Anesthetics	
Central Nervous System Stimulants	

- For second term:

NO	Topic	Lecturers
1	Anti-histaminic agens.	Prof.Dr/ Mohamed Baraka
2	Antiulcer agents (H2-antagonists,proton pump inhibitors & prostaglandins).	
3Section 1.06	Water insoluble Section 1.07 vitamins	
4Section 1.08	Water soluble Section 1.09 vitamins (vitamin B ₁ ,B ₂ ,B ₃ , B ₆)	Dr. samer Albarmawi
5	Steroids -Hormones(estrogens, progesterones) -Androgens, anabolic agents -Corticosteroids	Prof.Dr/Mohamed El-husseny Elsadek
6	Drug Design -Introduction in Drug design -Development of drugs -Drug Latentiation -Physicochemical factors & Drug receptor-interaction	Assist. Prof./ Hend Kothayer
7	Drug metabolism -Functionalization reaction (phase I) -Conjugation reactions (phase II) -Factors affecting drug metabolism)	Prof.Dr/Samy Megahed

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: -----**

5- 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**

Student Assessment:

Method of Assessment	Percentage of total %
Written examination	50%
Oral examination	15%
Practical exam	20%
Activity	5%
mid term exam	10%
Total	100%

Members of examination committee:

- Prof.Dr/ Mohamed El-husseiny Elsadek
- Prof.Dr/ Samy Megahed
- Prof.Dr/ Mohamed Baraka
- Assist.prof. /Hend kothayer

6- Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

- **List of inadequacy:-----**

5- Administrative Constraints:

- No periodical maintenance for laboratory equipments.

6- Students evaluation of the course:

Students evaluation of the course	Response of course team
Complain of low quality of book preparation.	Updating book and lectures uploaded into medicinal chemistry department.

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
<ul style="list-style-type: none"> • The course is well designed and intended learning outcomes are properly written, clear and can be measured 	-----

8- Course Enhancement:

Action	State whether or not complete & give reasons for any non completion
Holding two practical exams for better evaluation of students	Not completed due to overcrowding of practical sessions schedule
Measurement of ILOS of course	Accomplished
Activating the faculty council decision by adopting a new mechanism for oral exam and using balanced question cards	Accomplished

9- Action plan for academic year 2019– 2020:

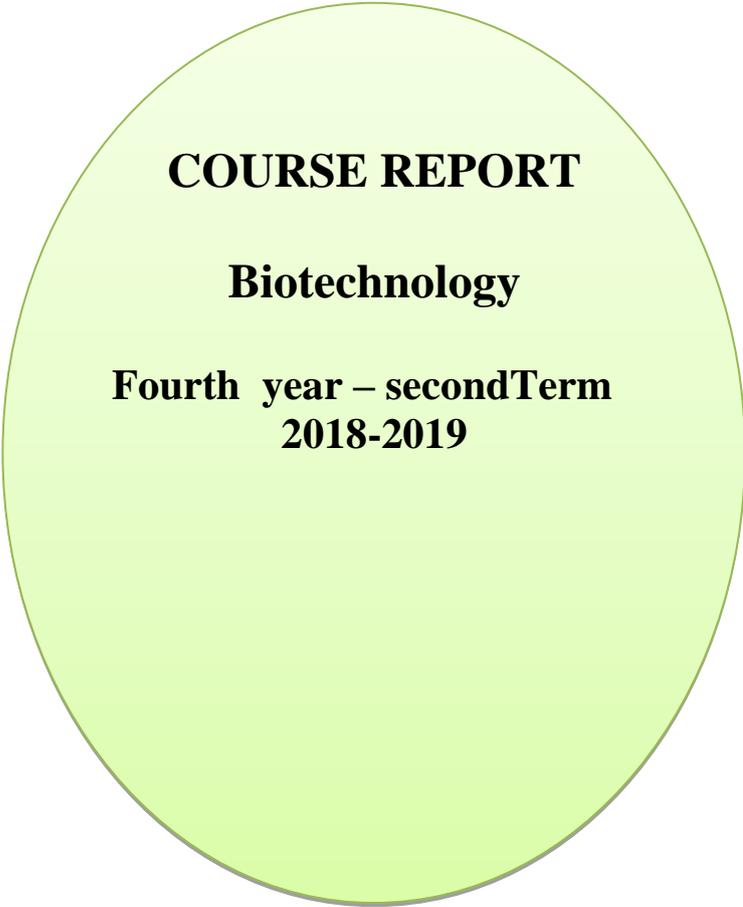
Action required	Completion date	Person responsible
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Providing the students with electronic sources for the courses	2019-2020	-Vice-dean for education and students' affairs -Course team
Modifying the course specification for more correlation between ILOs and course objectives	2019-2020	Course team

Course Co-ordinator: Prof. Dr/ Samy Megahed

Signature:

Date: course report is approved in department council on



COURSE REPORT

Biotechnology

**Fourth year – secondTerm
2018-2019**

Course Report of Biotechnology

University: Zagazig Faculty: Pharmacy Department: Microbiology & Immunology

A- Basic Information:

1. **Title and code:** Biotechnology / MI424.
2. **Programme(s) on which this course is given:** Bachelor of pharmacy.
3. **Year/ Level of programme:** Fourth level (Second semester).

4. Units/Credit hours:

Lectures hrs Tutorial/Practical Total hrs

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

Prof. Dr. Fathy El-Sayed Serry
Prof. Dr. Ashraf Ahmed Kadry .

6. **Course coordinator:** Prof. Dr. Fathy Serry.

7. **External evaluator:** Prof. Dr/ Abdel Gawad Mohamed Hashem.

B- Statistical Information:

No. of students attending the course: No. %

No. of students completing the course: No. %

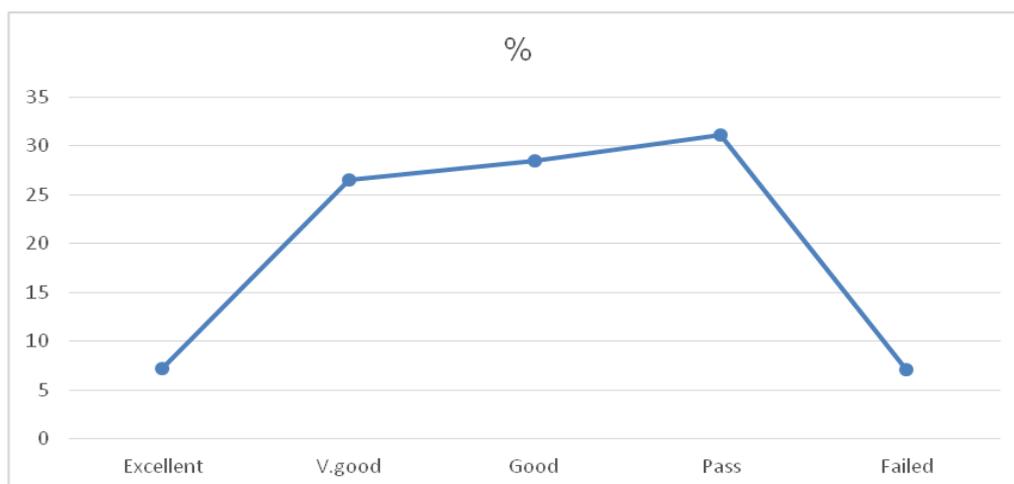
Results:

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
Traditional biotechnology and its applications	10	Prof. Dr. Fathy Serry
Gene cloning and recombinant DNA technology	8	
Production of human proteins <ul style="list-style-type: none"> • Chemical synthesis of DNA • DNA sequencing 	4	
Applications of recombinant DNA technology	4	Prof. Dr/ Ashraf Kadry.
Important Molecular biology techniques PCR DNA sequencing DNA Microarray	4	

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:

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

3- Student assessment:

Assessment method	Marks	Percentage
Final written exam	75	75%
Activity (report)	5	5%
Oral exam	20	20%
TOTAL	100	100%

Members of examination committee:

- Prof. Dr. Ashraf Ahmed Kadry Yousef
- Prof. Dr. Fathy Mohamed El-Sayed Serry.

Oral exam

Prof. Mona Abdelmoneam

Prof. Dr/ Fathy Serry

Prof. Ashraf Kadry

Prof. Hemmat Kamal

Prof Dr/ Ghada Hamed Shaker

Prof. Dr/Nehal Elsayed Youssef

Ass. Prof. Amira El-Ganiny

Ass. Prof. Hisham Abbas
 DR./ Momen Mohamoud

Evaluation of course content and final exam:

4- Facilities and teaching materials:

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

5- Administrative constraints: None

6- Student evaluation of the course:

List any criticism	Response of course team
Students were unsatisfied from the student notebook	Update of the student notebook well be done

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
The course content is suitable for the overall aims of the course	-
<u>The intended learning outcomes of the course are well written</u>	-

8- Course enhancement:

Actions recommended from the most recent course	Actions Taken

report(s)	
Surprise quiz to encourage students to attend lectures regularly	Completed
Self learning through activities (group discussion, net research)	Completed

9- Action plan for academic year 2019 - 2020

Actions Recommended for Further Improvement	Completion Date	Person Responsible
Self learning through activities (group discussion, net research)	1/9/2020	Course team
Updating student notebook	1/9/2020	Course coordinator

Course Coordinator: Prof. Dr/ Fathy Serry

Head of Department: Prof. Dr. Nehal Elsayed Youssef

Date: م 2019 / 9 / 30 تم مناقشة و اعتماد تقرير المقرر من مجلس القسم بتاريخ