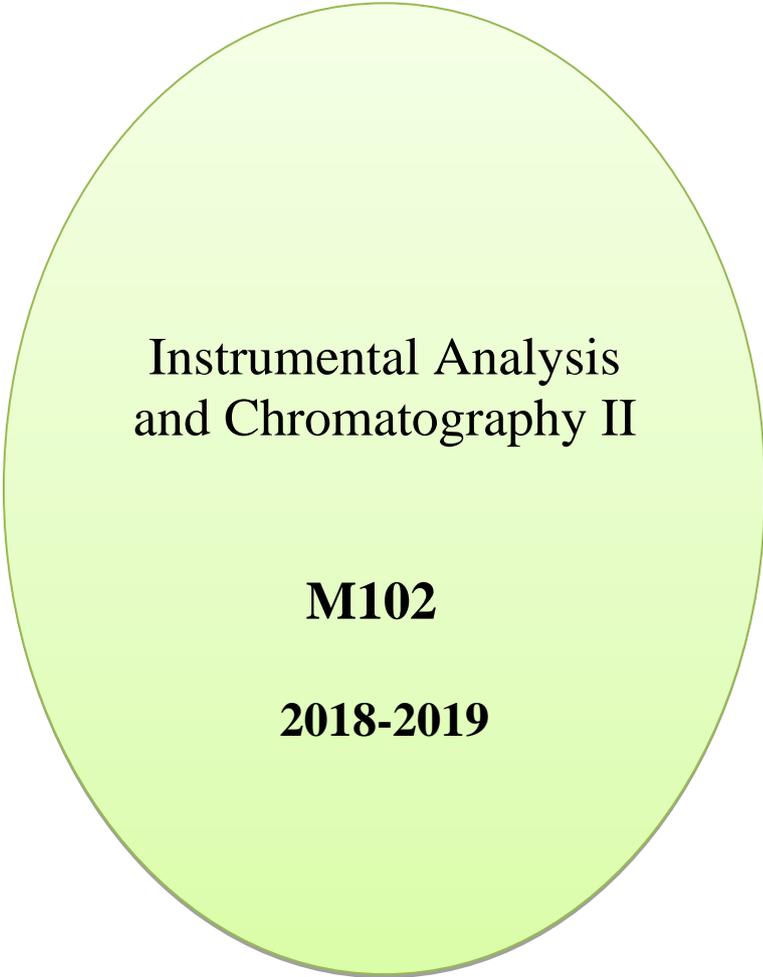


COURSE REPORTS



**Pre-master
courses**

2018-2019



Instrumental Analysis
and Chromatography II

M102

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmaceutical Analytical chemistry

A – Basic Information:

1- Title and Code: Instrumental Analysis and Chromatography II
M102

2- Program(s) on which this course is given: Pre-Master

3- Year / Level of programs: Pre-Master

4- Credit hours: 4

Lectures	4 hrs/week
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5- Names of lecturers contributing to the delivery of the course:

- Prof.Dr/ Hisham Ezzat
- Prof Dr/ Magda El Henawee
- Prof Dr/ Abdalla Shalaby

6- Course coordinator:

- Prof.Dr/Hisham Ezzat

7- External evaluator:

- Prof. Dr. Gamal Saleh (Assuit University)

B- Statistical Information:

No. of students attending the course	No.26	100 %
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Results:

Passed	No. 22	91.67%	Failed	No.2	8.33%
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No. of students completing the course	No.24	92.31%
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Grading of successful students:

Excellent	10	41.67%	Very Good	No.10	41.67%
Good	No.1	4.17%	Pass	No.1	4.17%

C- Professional Information:

1- Course Teaching:

Topic	No of hours	Lecturers
Introduction and classification of chromatographic methods, quantitative and qualitative TLC.	20	Prof.Dr/ Hisham Ezzat
Gas chromatography, HPLC, Electrophoresis. Polarography and voltametry	20	Prof Dr/ Magda El Henawee
UV spectrophotometry, Spectrofluorimetry, Atomic absorption spectrophotometry	20	Prof Dr/ Abdalla Shalaby

Topics taught as a percentage of the content specified:

>90 %	√	70 – 90 %		<70%	
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- **Reasons in detail for not teaching any topics:** -----
- **If any topics were taught are not specified , give reasons in detail:** -----

2- Teaching and learning Methods:

Lectures:	√
Seminar / Workshop:	√
Case study:	-

Other assignment / homework:	√
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3- Student Assessment:

Method of Assessment	Percentage %
Written examination	75
Oral examination	15
Activity	10
Total	100

Members of examination committee:

Prof.Dr/ Hisham Ezzat
 Prof Dr/ Magda El Henawee
 Prof Dr/ Abdalla Shalaby

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints: no constrain

6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
Practical sessions are required to carry out some experiments to clarify the theoretical content.	The department will discuss this suggestion.

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
Other methods in addition to the previous teaching methods are required for increase the ability to solve problem e.g: practical analysis of drugs.	Evaluator's comments will be carefully considered.

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Revision of the course with updating references used.	completed

9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
Revision of the course content for the preparation of new post graduates by laws	2020	Course team

Course coordinator: Prof. Dr/ Hisham Ezzat

Head of Department:

201/10/8 تم اعتماد التقرير في مجلس القسم بتاريخ بتاريخ

Physiology

M112

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmacology and toxicology

A – Basic Information:

1- Title and Code: Physiology M112

2- Program on which this course is given: Premaster

3- Year / Level of programs: Premaster

1- Credit hours: 2 hours

Lectures	2hr wk
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5- Names of lecturers contributing to the delivery of the course:

- Prof.Dr/ Hany El-Bassossy
- Dr/ Shaimaa Samy
- Dr/ Noura Ahmed

6- Course coordinator:

- Prof.Dr/ HanyEl-Bassossy

7- External evaluator:

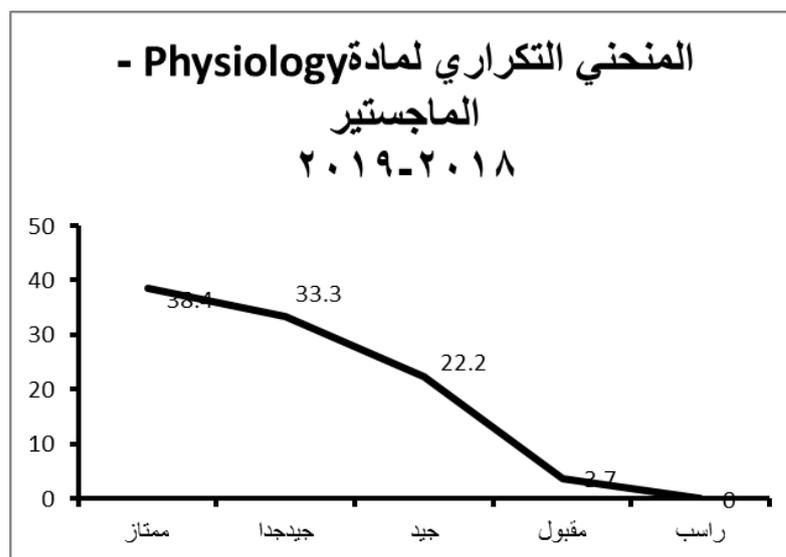
- Prof-Dr: Sameh El-Nabtiti

B- Statistical Information:

No. of students attending the course:	No. 27	100%
No. of students completing the course:	No. 27	100%

Results:					
Passed	No.26	96.3%	Failed	No.1	3.7%

Grading of successful students:					
Excellent	No.10	38.4%	Very Good	No.9	33.3%
Good	No.6	22.2%	Pass	No.1	3.7%



C- Professional Information:

1- Course Teaching:

Lecture contents (2hrs/week)	No. of hours	Teaching staff
Nerve & Muscle	2	Prof.Dr./ Hany El-Bassossy
Autonomic Nervous System 1 (Sympathetic nervous system)	2	Dr./ Shima Samy
Autonomic Nervous System 2 (Parasympathetic nervous system)	2	Dr./ Shima Samy
Cardiovascular System 1 (Structure, functions and properties of the heart)	2	Prof.Dr./ Hany El-Bassossy
Cardiovascular System 2 (Heart rate, cardiac output and blood pressure)	2	Prof.Dr./ Hany El-Bassossy
Central Nervous System 1 (Structure of brain and spinal cord)	2	Dr./ Shima Samy
Central Nervous System 2 (Reflexes and pain)	2	Dr./ Shima Samy
Kidney (Structure, function and urine formation)	2	Dr./ Shima Samy
Respiratory System (Structure and functions of the lung, mechanism of breathing) Activity (Review article-Presentation)	2	Dr./Noura Ahmed
GIT (Functions of gastric secretions and neuro-hormonal regulation)	2	Dr./Noura Ahmed

Endocrine System 1 (Hypothalamus, thyroid, parathyroid glands)	2	Dr./Noura Ahmed
Endocrine System 2 (Adrenal gland and endocrine pancreas)	2	Dr./Noura Ahmed
Blood physiology (Functions of blood cells and clotting mechanisms)	2	Prof.Dr./ Hany El- Bassossy
Membrane physiology (Structure and functions)	2	Prof.Dr./ Hany El- Bassossy

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:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / 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	75
Oral exam	15
Activity	10

Members of examination committee:

- Prof.Dr/ Hany El-Bassossy
- Dr/ ShaimaaSamy
- Dr/Noura Ahmed

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints: None

6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
The students was satisfied about the course	-----

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
The course is well designed and the outcomes are clear	-----

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Continuous development of course content to cope with program ILOS and labour market needs.	continuous

9- Action plan for academic year 2019-2020:

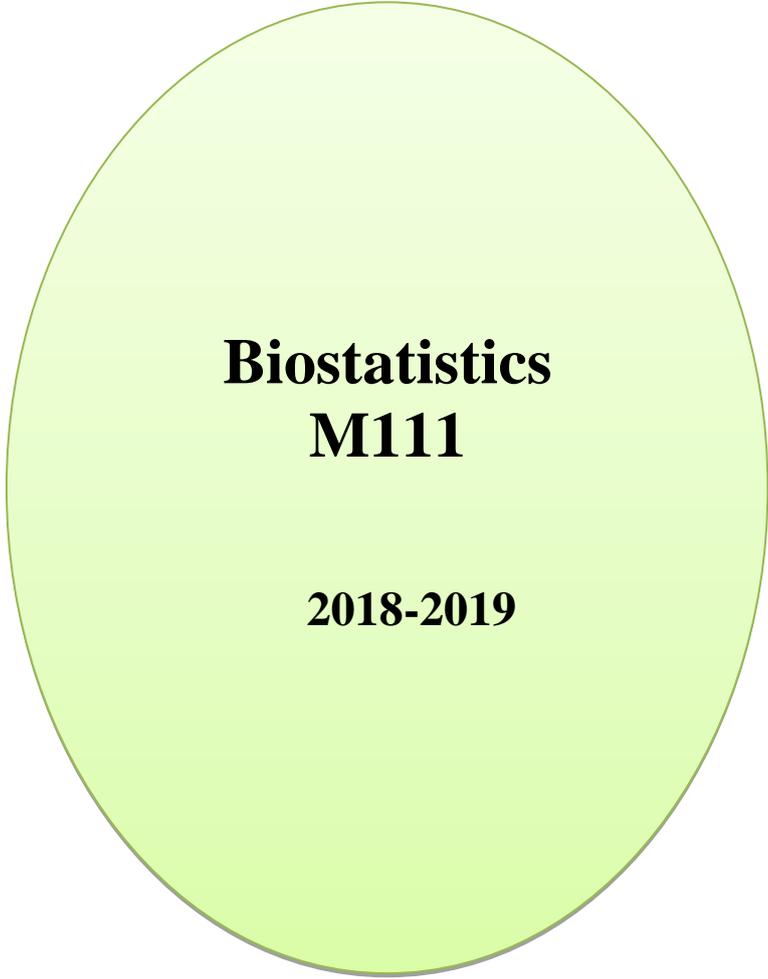
Action required	Completion date	Person responsible
Revision of course content, updating of learning materials	----	-----

Course Coordinator: Prof.Dr / Hany El-Bassossy

Head of Department: Prof. Dr. Mona Fouad

Signature:

Date: September 2019



**Biostatistics
M111**

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmacology and toxicology

A – Basic Information:

- 1) **Title and Code:** Biostatistics **M 111**
- 2) **Program on which this course is given:** Pre-master
- 3) **Year / Level of programs:** Pre-master
- 4) **Credit hours: 2 hours**

Lectures	2hr/wk
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5) **Names of lecturers contributing to the delivery of the course:**

- Prof.Dr/ Hany Elbassosy
- Dr/Noura Ahmed

6) **Course coordinator:** Prof.Dr/ Hany Elbassosy

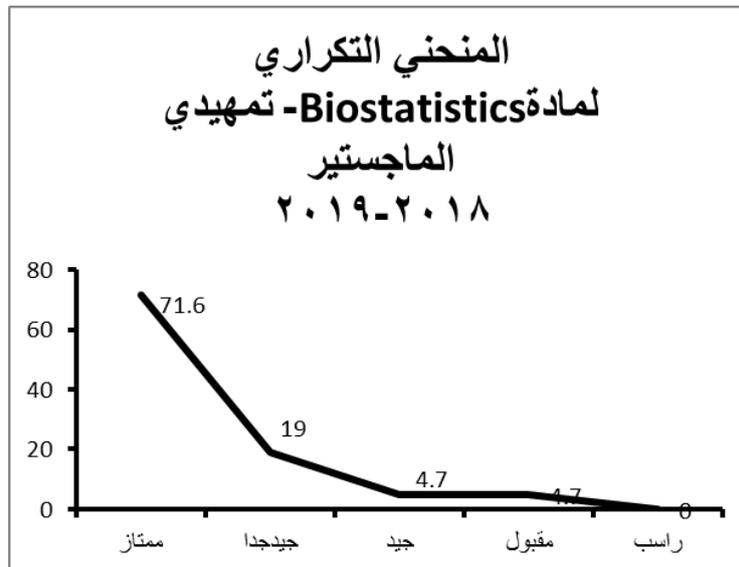
7) **External evaluator:** Prof-Dr: El-Sayed Kamel

B- Statistical Information:

No. of students attending the course:	No. 35	100%
No. of students completing the course:	No. 21	60 %

Results:					
Passed	No.21	100%	Failed	-	-

Grading of successful students:					
Excellent	No.15	71.6%	Very Good	No.4	19%
Good	No.1	4.7%	Pass	No.1	4.7%



C- Professional Information:

1- Course Teaching:

Course Contents	No. of hours	Lecturers
General principle of biostatistics 1	15	<ul style="list-style-type: none"> • Dr/Noura Ahmed
General principle of biostatistics 2		
Presentation of data		
Descriptive statistics		
Measures of central tendency		
Measures of variability		
Normal frequency distribution curve		
Probability	15	<ul style="list-style-type: none"> • Prof.Dr/ Hany El-Bassossy
Comparing of two means- Problem solving activity		
Comparing of more than two means		
Chi square test		
Regression and correlation analysis		
Complex analysis		
Criteria of good experimental design		
Revision		

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:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / 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	75
Oral exam	15
Activity	10

Members of examination committee:

- Prof. Dr/ Hany El-Bassossy
- Dr/Noura Ahmed

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints:

None

6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
The students was satisfied about the course	-----

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
The course is well designed and the outcomes are clear	-----

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Activating the new evaluation methods by including oral exam & activities in the student assessment methods.	completed
Measurement of the course ILOS	completed
Continuous development of course content to cope with program ILOS and labour market needs.	continuous

9- Action plan for academic year 2019-2020:

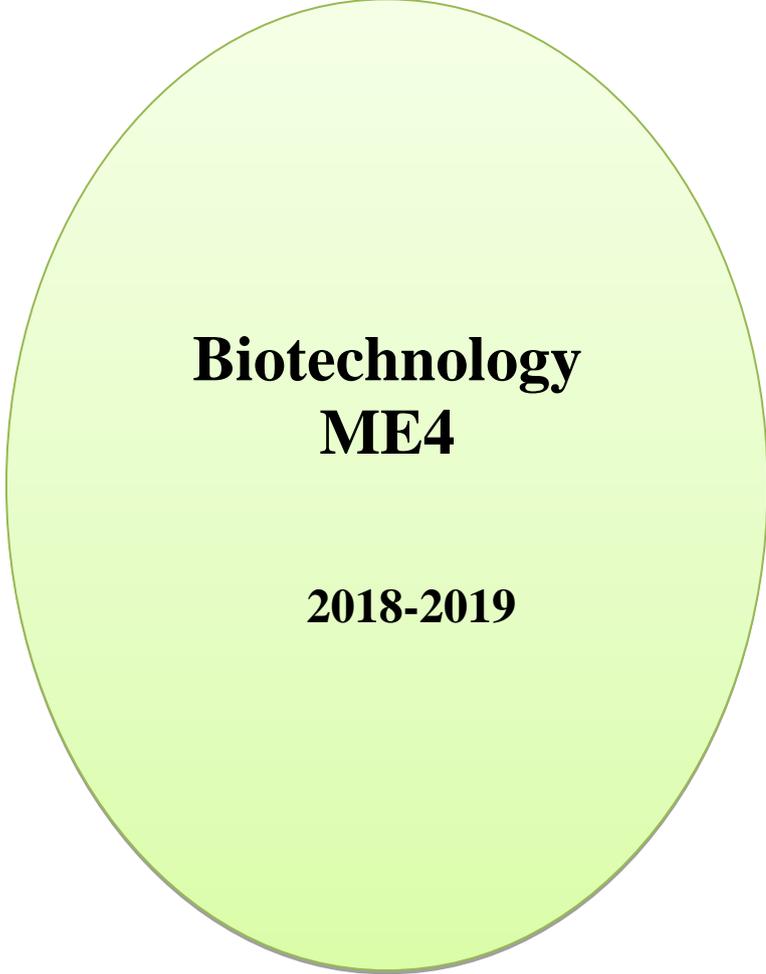
Action required	Completion date	Person responsible
Continuous course revision and development	2019-2020	Course instructors

- **Course Coordinator: Prof. Dr/ Hany El-Bassossy**
- **Head of department: Pro. Dr/ Mona Fouad**

Signature:

3/12/2019:

Date



Biotechnology
ME4

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Biochemistry

A – Basic Information:

1- Title and Code: Biotechnology ME4

2- Program(s) on which this course is given: Premaster

3- Year / Level of programs: Premaster

4-Units / Credit hours: 4 hours

Lectures	4 hrs/week
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5- Names of lecturers contributing to the delivery of the course:

• Prof. Dr / Mohamed Elseweidy (Biochemistry department)

• Prof. Dr / AShraf kadry (Microbiology department)

Course coordinator: Prof. Dr/ Mohamed Mahmoud ElSeweidy

External evaluator: Prof. Dr/ Ola Ali

B- Statistical Information:

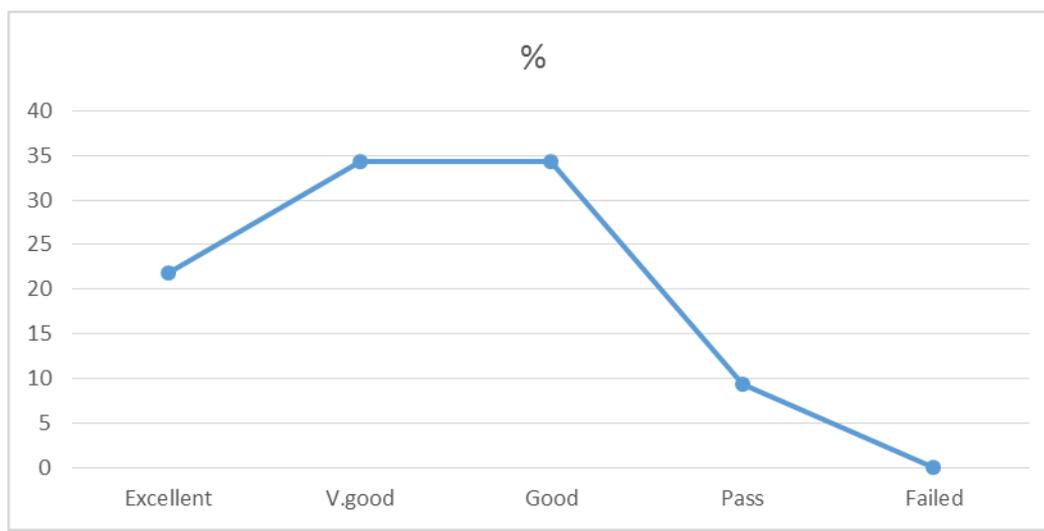
No. of students attending the course	no.40	100 %
No. of students completing the course	no.32	80 %

Results:

Passed	No. 32	100 %	Failed	No. 0	0%
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Grading of successful students:

Excellent	No. 7	21.875%	Very Good	No. 11	34.375%
Good	No. 11	34.375%	Pass	No. 3	9.375%



C- Professional Information:

1- Course Teaching:

Topic	No. of hours	Lecturers
<ul style="list-style-type: none"> • Introduction to Biotechnology, Bioprocess, Downstream processing, Cell culture, Hybridoma technology. • Medical biotechnology. • Medicine from cultured cells • DNA Recombination & Application of genetic engineering. 	30	Prof. Dr/ Mohamed El-Seweidy
<ul style="list-style-type: none"> • Principle of PCR technology and gene amplification. • Applications and advances in PCR. • Monoclonal antibody- technology production • Pharmaceutically useful monoclonal antibodies • Vaccine preparations 	30	Prof. Dr / AShraf Kadry

Topics taught as a percentage of the content specified:

>90 %	√	70 – 90 %		<70%	
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- **Reasons in detail for not teaching any topics:** -----
- **If any topics were taught are not specified , give reasons in detail:** -----

2- Teaching and learning Methods:

Lectures:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / homework:	√

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

3- Student Assessment:

Assessment method	Marks	Percentage
• Activity	10	10 %
• Written exam	75	75 %
• Oral exam	15	15 %
TOTAL	100	100%

Members of examination committee:

- Prof. Dr / Mohamed Mahmoud Elseweidy
- Prof. Dr / Ashraf kadry

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints: -----

6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
<ul style="list-style-type: none"> • The course content should be matched with the determined time. • The course content should be presented simply and clearly. 	<p>The time will be considered.</p> <p>The course content will be presented simply.</p>

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
The course content should encourage	Holding open discussions

thinking skills instead of dependent memorizing.	between students to increase interaction.
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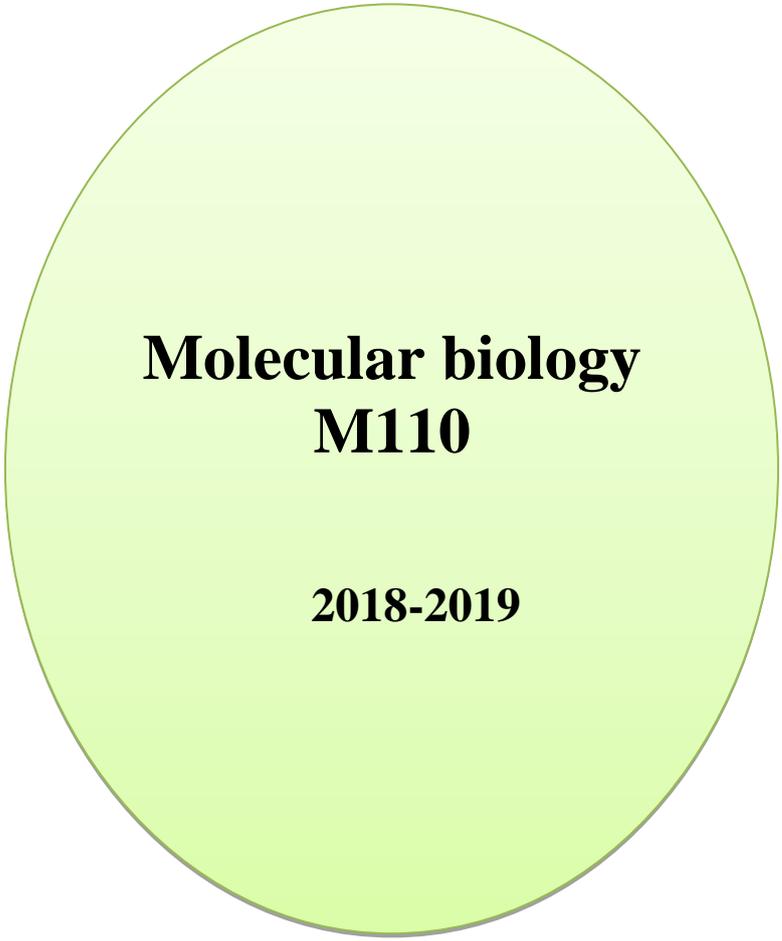
8- Course Enhancement:

Action	State whether or not completed and give reasons for any non completion
-Continuous development of course content to cope with program ILOS.	Completed
-Textbooks and references need to be updated	Completed

9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
The course content should be matched with the determined time. The course content should be presented simply and clearly.	2019– 2020	Course coordinator &Course team

- **Course Coordinator:** Prof. Dr / Mohamed Mahmoud Elseweidy
- **Head of department:** Prof. Dr./ Sahar Elswefy
- **Date:** 2019/9/23 تم مناقشته واعتماده بمجلس القسم بتاريخ



Molecular biology
M110

2018-2019

Annual Course Report

University: Zagazig
Department: Biochemistry

Faculty: Pharmacy

A – Basic Information:

1. **Title and Code:** Molecular Biology M110
2. **Program(s) on which this course is given:** Premaster
3. **Year / Level of programs:** Premaster
4. **Units / Credit hours: 4 hours**

Lectures	4 hrs/week
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5. **Names of lecturers contributing to the delivery of the course:**
 - Prof. Dr/ Mohamed El-Seweidy (Biochemistry department)
 - Prof. Dr/ Fathy serry (Microbiology & Immunology department)
6. **Course coordinator:**
 - Prof. Dr/ Fathy serry
 - Prof. Dr/ Mohamed El-Seweidy
7. **External evaluator:**
 - Prof. Dr/ Ola Ali

B- Statistical Information:

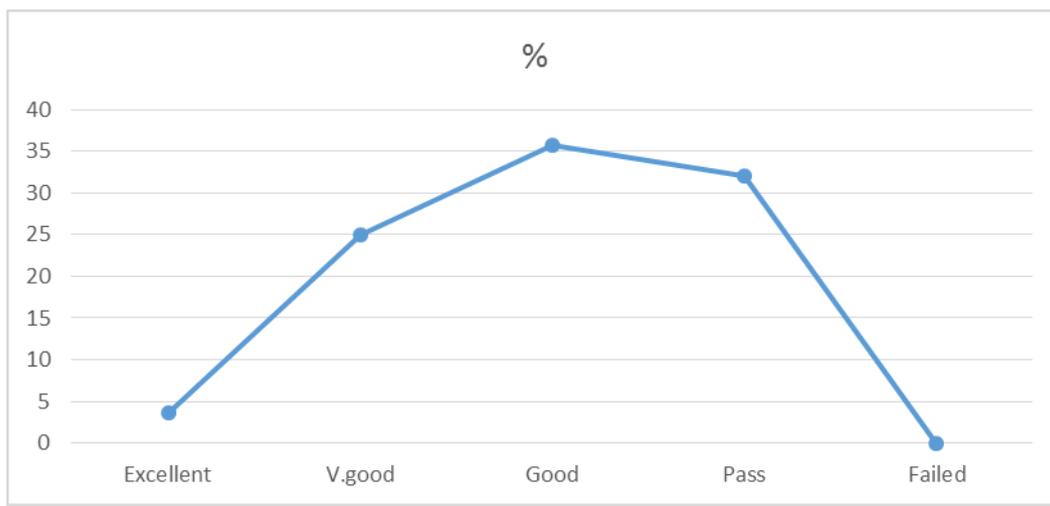
No. of students attending the course	no.38	100 %
No. of students completing the course	no.28	73.68 %

Results:

Passed	No. 27	96.43 %	Failed	No. 1	3.57%
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Grading of successful students:

Excellent	No. 1	3.57%	Very Good	No. 7	25%
Good	No. 10	35.71%	Pass	No. 9	32.15%



C- Professional Information:

1-Course teaching:

Topic	No of hours	Lecturers
<ul style="list-style-type: none"> • DNA structure, DNA replication steps, RNA ribosomal, transfer, messenger • Transcription steps of prokaryotic genes • Analysis of cloned products (southern, northern, western). 	30	- Prof. Dr/ Fathy serry
<ul style="list-style-type: none"> • Genetic code, Wobble hypothesis, Protein synthesis. • Recombinant DNA, Stem cells, human cloning. • PCR application, LCR. • RFLP, Prenatal diagnosis, Diagnosis of sickle cell disease. 	30	Prof. Dr/ Mohamed ElSeweidy

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:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / homework:	√

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

3-Student assessment:

Assessment method	Marks	Percentage
• Activity	10	10 %
• Written exam	75	75 %
• Oral exam	15	15 %
TOTAL	100	100%

Members of examination committee:

- Prof. Dr/ Mohamed Mahmoud ElSeweidy
- Prof. Dr/ Fathy serry

4-Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints: -----

6- Students evaluation of the course:

Students evaluation of the course	Response of course team
The course content should be matched with the determined time .	The time will be considered.
The course content should be presented simply and clearly.	The course content will be presented simply.

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
The course content should encourage thinking skills instead of dependent memorizing.	Holding open discussions between students to increase interaction.

8- Course Enhancement:

Action	State whether or not completed and give reasons for any non completion
-Continuous development of course content to cope with program ILOS.	Completed
-Textbooks and references need to be updated	Completed

9- Action plan for academic year 2019– 2020:

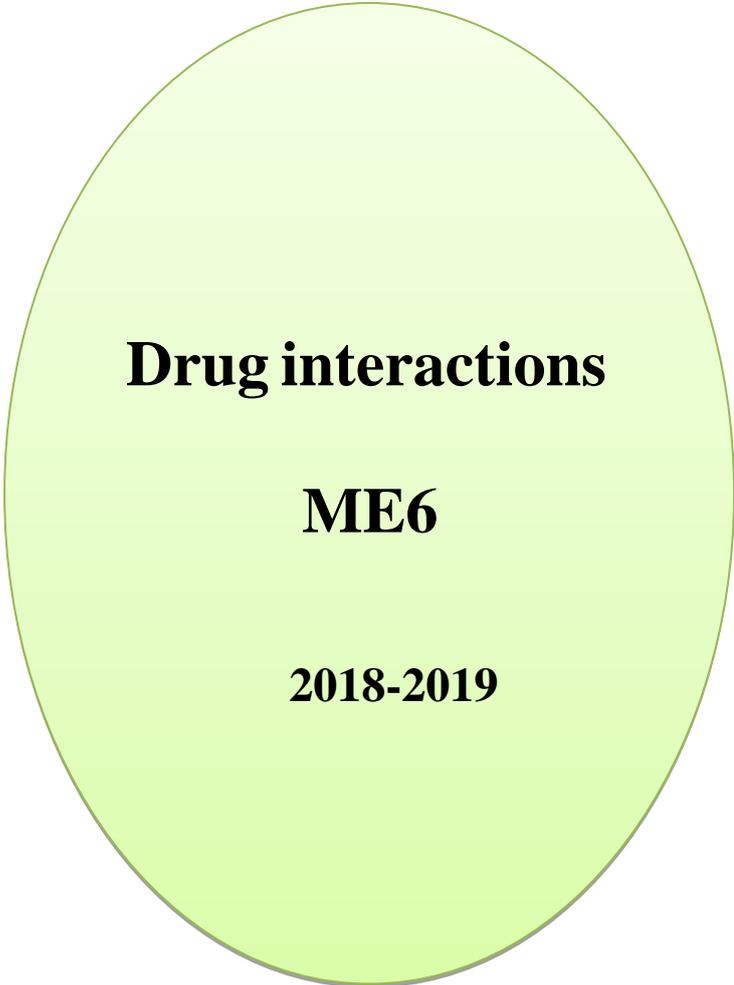
Action required	Completion date	Person responsible
<ul style="list-style-type: none">The course content should be matched with the determined time .The course content should be presented simply and clearly.	2019– 2020	Course coordinator & Course team

Course Coordinator: Prof. Dr/ Mohamed Mahmoud ElSewedy & Prof. Dr. Fathy serry

Head of department: Prof.Dr. / Sahar Elswefy

تم مناقشته واعتماده بمجلس القسم بتاريخ 2019/9/23

Date:



Drug interactions

ME6

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmacology and Toxicology

A – Basic Information:

- 1) Title and Code: Drug interactions ME6
- 2) Program on which this course is given: Premaster
- 3) Year / Level of programs: Premaster
- 4) Credit hours: 4 hours

Lectures	4hr/wk
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5) Names of lecturers contributing to the delivery of the course:

- Ass.Prof.Dr./ Shaimaa El-Shazly
- Dr./ Shaimaa Samy
- Dr/Noura Ahmed

6) Course coordinator:

- Ass.Prof.Dr. / Shaimaa El-Shazly

7) External evaluator:

- Prof.Dr/Sameh Elnabti

B- Statistical Information:

No. of students attending the course:	No. 32	100%
No. of students completing the course:	No. 32	100 %

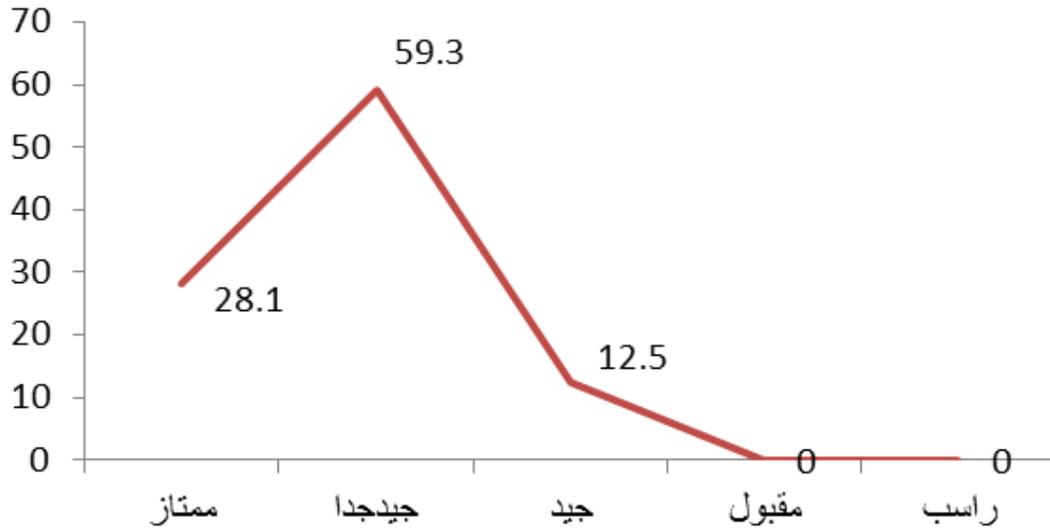
Results:

Passed	No.32	100%	Failed	-	-
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Grading of successful students:

Excellent	No.9	28.1%	Very Good	No.19	59.3%
Good	No.4	12.5%	Pass	-----	---

المنحني التكراري لمادة Drug
interaction- تمهيدي الماجستير
٢٠١٨-٢٠١٩



C- Professional Information:

1- Course Teaching:

Topic	No of hours	Lecturers
Overview of drug interactions	20	Dr. / ShaimaaSamy
Mechanisms of drug interactions		
Management of drug interactions		
- Drug-food and drug-herb interaction		
- Drug interaction of CNS acting agents		
- Drug interaction of antibiotics	20	Ass.Prof.Dr. / Shaimaa El-Shazly
- Drug interaction of antibiotics		
- Drug interaction of CVS acting agents-1		
-Case study		
- Drug interaction of CVS acting agents-2		
- Drug interaction of respiratory system –acting agents	20	Dr/Noura Ahmed
- Drug interaction of GI tract acting agents		
- Drug interaction of agents used for kidney disorders		
- Drug interaction of endocrine system- acting agents		
- Drug interaction of agents used for obesity and anemia		
-Revision		

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:	√
Seminar / Workshop:	-
Case study:	√
Other assignment / 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	75
Oral exam	15
Activity	10

Members of examination committee:

- Ass.Prof.Dr. / Shaimaa El-Shazly
- Dr./ ShaimaaSamy
- Dr/Noura Ahmed

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints: None

6- Students Evaluation of the course:

Students evaluation of the course	Response of course team
The student was satisfied about the course	

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
Course content is good and adequate	-----

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Activating the new evaluation methods by including oral exam & activities in the student assessment methods.	completed

9- Action plan for academic year 2019-2020:

Action required	Completion date	Person responsible
Training of examination committee for development of written exam structure to cover ILOS	2019– 2020	Course coordinator & head of department
Measurement of the course ILOS	2019– 2020	Course coordinator & head of department
Continuous development of course content to cope with program ILOS and labour market needs.	2019– 2020	Course coordinator & head of department

Course Coordinator: Ass.Prof.Dr. / Shaimaa El-Shazly

Head of Department: Prof.Dr. / Mona Fouad

Signature:

Date:



Master courses

2018-2019



Course Report of

Advanced
pharmacological
techniques

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmacology

A – Basic Information:

1- Title and Code: Advanced pharmacological techniques Lsp1

2- Program on which this course is given: Master

3- Year / Level of programs: Master

4- Credit hours: 4

Lecture	4hr/wk
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5- Names of lecturers contributing to the delivery of the course:

- Prof.Dr. / Mohamed AbdelAal
- Dr. / Islam Ahmed

6- Course coordinator:

- Prof.Dr. / Mohamed AbdelAal

7- External evaluator:

Prof-Dr: Naglaa Zakaria

B- Statistical Information:

No. of students attending the course:	No. 6	100%
No. of students completing the course:	No.6	100%

Results:					
Passed	No.6	100%	Failed	-	-

Grading of successful students:					
Excellent	No.1	16.6%	Very Good	No.5	83.4%
Good	-	-	Pass	No.	-

C- Professional Information:

1- Course teaching:

Topic	No of hours	Lecturers
• DNA cloning (pharmacological applications)	30	<ul style="list-style-type: none"> • Prof.Dr. / Mohamed AbdelAal • Dr. Islam Ahmed
• Western blotting (pharmacological applications)	30	
• BRET assay (pharmacological applications)		

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:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / 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	75
Oral exam	15
Activity	10

Members of examination committee:

- Prof.Dr. / Mohamed AbdelAal
- Dr. / Islam Ahmed

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints:

None

6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
Students are satisfied about the course	

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
The course is well prepared and introduce good scientific content	

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Continuous course revision and development .	Continuous

9- Action plan for academic year 2019-2020

Action required	Completion date	Person responsible
Continuous development of course content to cope with program ILOS and labour market needs.	2019-2020	Course coordinator & head of department

- Course Coordinator: Prof.Dr. / Mohamed AbdelAal

Head of Department: Prof. Dr. Mona Fouad

Signature:

Date:



Course Report of

Drug targeting

(Master)

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmacology

A – Basic Information:

1- Title and Code: Drug Targeting Lsp2

2- Program on which this course is given: Master

3- Year / Level of programs: Master

4- Credit hours: 4

Lecture	4hr/wk
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5- Names of lecturers contributing to the delivery of the course:

- Prof.Dr. /Mohamed AbdelAal
- Prof.Dr. / Ahmed Fahmy
- Dr. / Islam Ahmed

6- Course coordinator:

- Prof.Dr. / Ahmed Fahmy

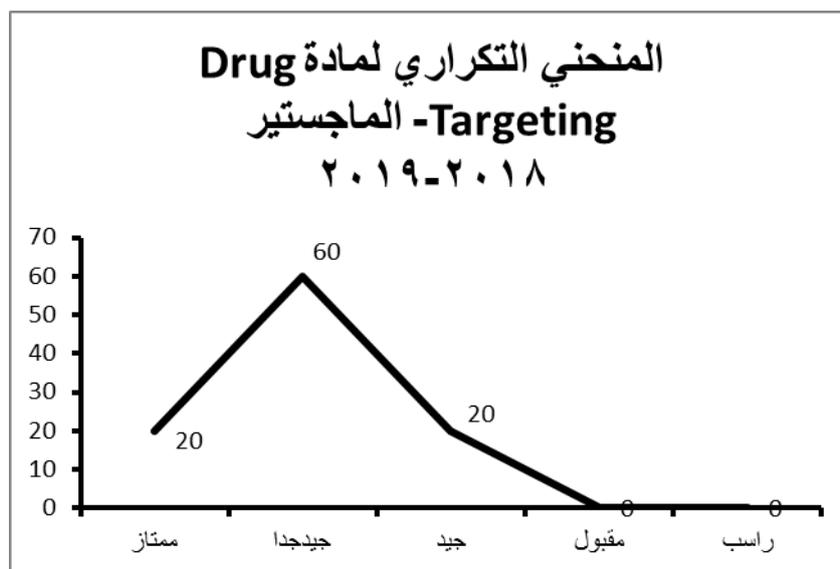
7- External evaluator:

Prof-Dr: Sameh Elnabtiti

B- Statistical Information:

No. of students attending the course:	No. 5	100%			
No. of students completing the course:	No.5	100%			
Results:					
Passed	No.5	100%	Failed	-	-

Grading of successful students:						
Excellent	No.1	20%	Very Good	No.3	60%	
Good	No.1	20%	Pass	No.0	---	



C- Professional Information:

1-Course teaching:

Topic	No of hours	Lecturers
G-protein-coupled receptors	16	Prof.Dr./Mohamed AbdelAal
G-protein-coupled receptor kinases	16	Prof.Dr./Ahmed Fahmy
Beta arrestin biased agonists	12	Dr./Islam Ahmed
G-protein biased agonists	12	

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:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / 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	75
Oral exam	15
Activity	10

Members of examination committee:

- Prof.Dr. /Mohamed AbdelAal
- Prof.Dr. / Ahmed Fahmy
- Dr. /Islam Ahmed

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints:

None

6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
Students are satisfied about the course	

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
Course content is good and adequate	-----

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Continuous revision and updating course content.	Continuous

9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
Benchmark of course content with other international universities.	2019-2020	Examination committee member Training Unit

Course Coordinator: Prof.Dr. / Ahmed Fahmy

Head of department: Prof Dr: Mona Fouad

Date:



Course Report of

Pathophysiology

(Master)

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmacology

A – Basic Information:

1- Title and Code: Pathophysiology Lsp3

2- Program(s) on which this course is given: Master

3- Year / Level of programs: Master

4- Credit hours: 4

Lectures	4hr/wk
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5- Names of lecturers contributing to the delivery of the course:

- Prof.Dr. /Mohamed AbdelAal
- Prof.Dr. / Ahmed Fahmy
- Dr. / Shiamaa Samy

6- Course coordinator:

- Prof-Dr: Ahmed Fahmy

7- External evaluator:

- Prof-Dr: El-SayedKamel

● **B- Statistical Information:**

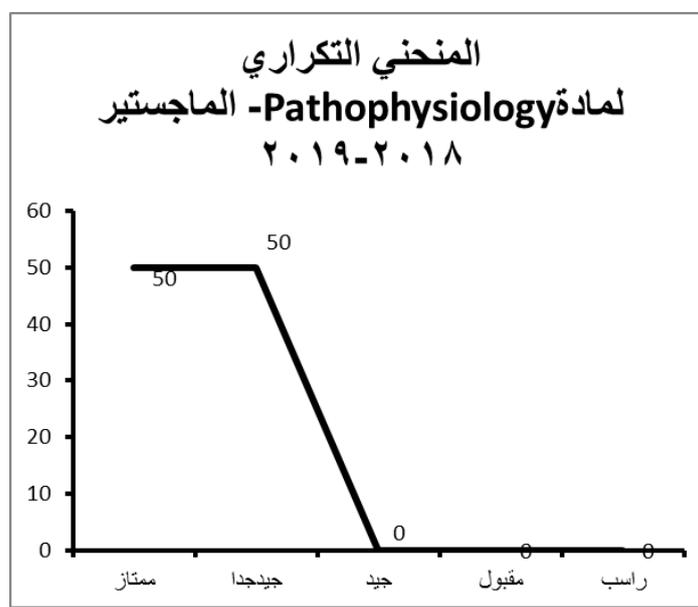
No. of students attending the course	No.2	100 %
No. of students completing the course	No.2	100%

Results:

Passed	No.2	100%	Failed	-	-
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Grading of successful students:

Excellent	No.1	50%	Very Good	No.1	50%
Good	-	-	Pass	-	-



C- Professional Information:

1- Course Teaching:

Week number	Lecture contents (4hrs/week)	Lecturer
1	Pathophysiology of Diabetes-1	Prof.Dr. /Mohamed AbdelAal
2	Pathophysiology of Diabetes-2	
3	Pathophysiology of Hypertension-1	
4	Pathophysiology of Hypertension-2 Activity (Seminar)	
5	Pathophysiology of Heart failure-1	Prof.Dr. / Ahmed Fahmy
6	Pathophysiology of Heart failure-2	

7	Pathophysiology of Hepatitis-1	Dr. / Shiamaa Samy
8	Pathophysiology of Hepatitis-2	
9	Pathophysiology of Inflammation-1 Activity (student presentation)	
10	Pathophysiology of Psychosis	
11	Pathophysiology of Asthma	
12	Pathophysiology of Parkinsonism-1	
13	Pathophysiology of Parkinsonism-2	
14	Pathophysiology of Alzheimer disease	
15	Final exam	

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: -----

1- Teaching and learning Methods

Lectures:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / 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	75
Oral exam	15

Activity	10
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Members of examination committee:

- Prof.Dr. /Mohamed AbdelAal
- Prof.Dr. / Ahmed Fahmy
- Dr. / ShiamaaSamy

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints:

None

6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
Giving cases study is required to clarify the course content.	The department will discuss these suggestions.

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
Course content is good and adequate	-----

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Review evaluation methods in the current by law.	This was completed

9- Action plan for academic next year:

Action required	Completion date	Person responsible
Continuous development of course content to cope with program ILOS and labour market needs.	2019- 2020	Course coordinator & head of department

Course Coordinator: Prof.Dr. / Ahmed Fahmy

Head of Department: Prof. Dr. Mona Fouad



PhD Program

2018-2019



Course Report of

**Advanced trends in
pharmacology**

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmacology

A – Basic Information:

- 1- Title and Code: Advanced trends in pharmacology Lsp4
2- Program on which this course is given: Ph.D.
3- Year / Level of programs: Ph.D.
4- Credit hours: 4

Lectures	4hr/wk
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5- Names of lecturers contributing to the delivery of the course:

- Prof.Dr/ Mohamed AbdelAal
- Prof.Dr. / Ahmed Fahmy
- Dr/ Islam Ahmed

6- Course coordinator:

- Prof.Dr. / Ahmed Fahmy

7- External evaluator:

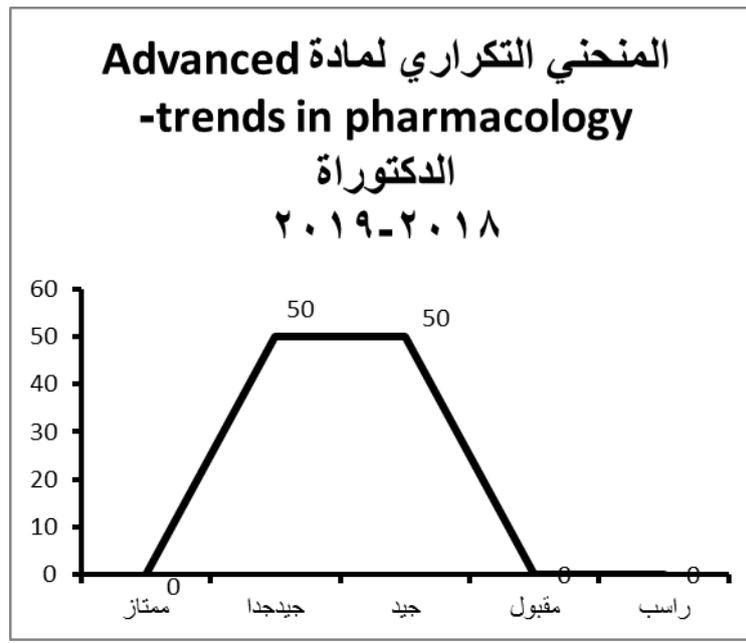
- Prof .Dr/Samh Elnabiti

B- Statistical Information:

No. of students attending the course:	No. 2	100%
No. of students completing the course:	No.2	100%

Results:					
Passed	No.2	100%	Failed	-	-

Grading of successful students:					
Excellent	---	---	Very Good	1	50%
Good	1	50%	Pass	-	-



C- Professional Information:

1-Course teaching:

Topic	No of hours	Lecturers
Molecular Pharmacology-1 Molecular Pharmacology-2 Molecular Pharmacology-3 Molecular Pharmacology-4 Molecular Pharmacology-5	20	Prof.Dr/ Mohamed AbdelAal
Genetic Pharmacology-1 Genetic Pharmacology-2 Genetic Pharmacology-3 Genetic Pharmacology-4 Genetic Pharmacology-5	20	Prof.Dr. / Ahmed Fahmy
Stem cells-1 Stem cells-2 Stem cells-3 Stem cells-4 Stem cells-5	20	Dr. / Islam Ahmed

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:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / 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	75
Oral exam	15
Activity	10

Members of examination committee:

- Prof.Dr/ Mohamed AbdelAal
- Prof.Dr. / Ahmed Fahmy
- Dr/ Islam Ahmed

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints:

None

6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
Students are satisfied about the course	

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
Course content is good and adequate	-----

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Continuous update of course content	Continuous

9- Action plan for academic year 2019- 2020:

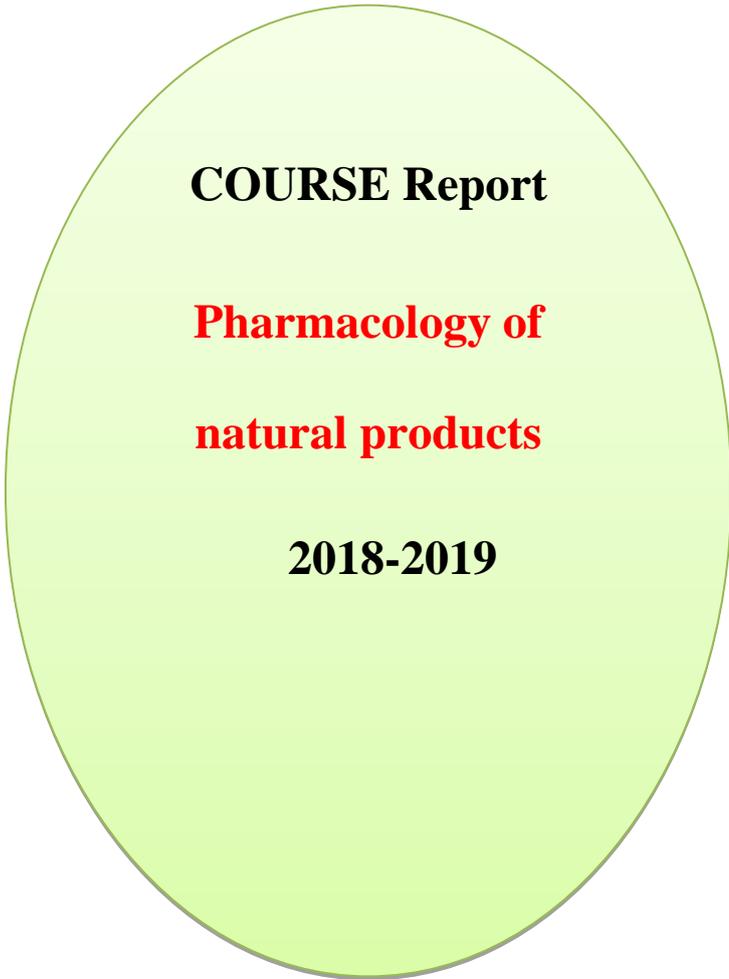
Action required	Completion date	Person responsible
Continuous update of course content	2019-2020	Course co-ordinator

Course Coordinator: Prof.Dr. / Ahmed Fahmy

Head of department: Prof Dr: Mona Fouad

Signature:

Date:



COURSE Report

**Pharmacology of
natural products**

2018-2019

Annual Course Report

University: Zagazig
Department: Pharmacology

Faculty: Pharmacy

A – Basic Information:

- 1- Title and Code: Pharmacology of natural products Lsp6
2- Program on which this course is given: Ph.D.
3- Year / Level of programs: Ph.D.
4- Credit hours: 4

Lecture	4hr/wk
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5- Names of lecturers contributing to the delivery of the course:

- Prof.Dr/ Mohamed AbdelAal
- Prof.Dr. / Ahmed Fahmy
- Dr/ Islam Ahmed

6- Course coordinator:

- Prof.Dr. / Ahmed Fahmy

7- External evaluator:

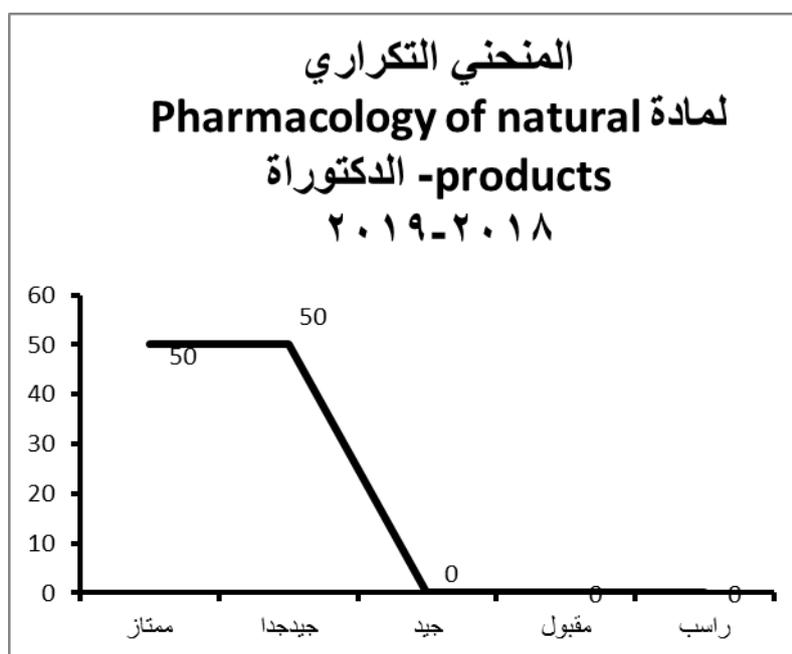
- Prof-Dr: El-SayedKamel

B- Statistical Information:

No. of students attending the course:	No. 2	100%
No. of students completing the course:	No.2	100%

Results:					
Passed	No.2	100%	Failed	-	-

Grading of successful students:					
Excellent	No.1	50%	Very Good	No.1	50%
Good	-	-	Pass	-	-



C- Professional Information:

1-Course teaching:

Topic	No of hours	Lecturers
Anti-diabetic natural products-1 Anti-diabetic natural products-2 Anti-hypertensive natural products-1 Anti-hypertensive natural products-2	15	Prof.Dr/ Mohamed AbdelAal
Anti-inflammatory natural products-1 Anti-inflammatory natural products-2 Anti-cancer natural products-1 Anti-cancer natural products-2	15	Prof.Dr. / Ahmed Fahmy
Anti-depressants natural products-1 Anti-depressants natural products-2 Analgesic natural products-1 Analgesic natural products-2 Diuretic natural products Cardiotonic natural products Hepato-protective natural products	30	Dr/ Islam Ahmed

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:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / 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	75
Oral exam	15
Activity	10

Members of examination committee:

- Prof.Dr/ Mohamed AbdelAal
- Prof.Dr. / Ahmed Fahmy
- Dr/ Islam Ahmed

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints:

None

6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
Students are satisfied about the course	

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
Course content is good and adequate	-----

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Continuous update of the course content	Continuous

9- Action plan for academic year 2019- 2020:

Action required	Completion date	Person responsible
Continuous update of the course content	2019-2020	Course coordinator

Course Coordinator: Prof.Dr. / Ahmed Fahmy

Head of Department: Prof. Dr. Mona Fouad

Signature:

Date: