

COURSE REPORT

Biotechnology

2019-2020

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: -----

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)

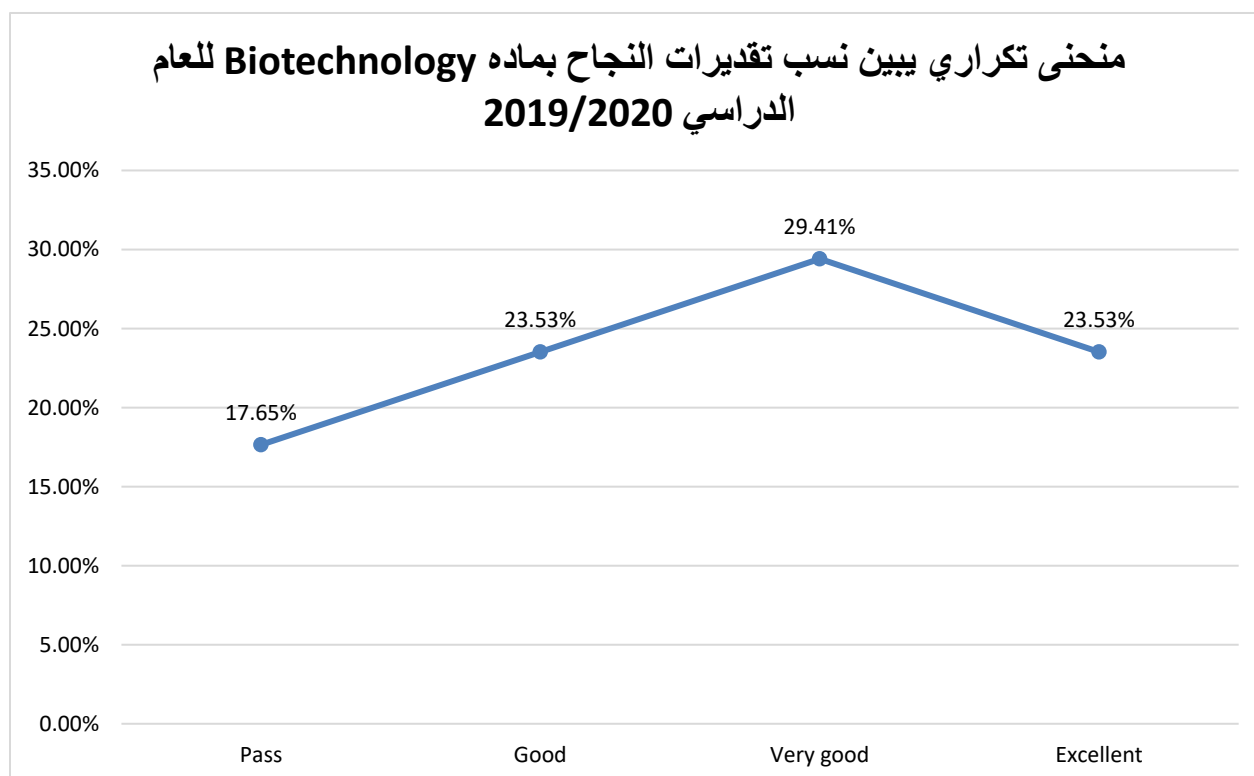
Course coordinator: Prof. Dr/ Mohamed Mahmoud ElSeweidy

External evaluator: Dr. Maha Hussein – Damanhur university

B- Statistical Information:

No. of students attending the course	no.34	100 %
No. of students completing the course	no.34	100 %

Results:					
Passed	No. 32	94.12 %	Failed	No. 2	5.88%
Grading of successful students:					
Excellent	No. 8	23.53%	Very Good	No. 10	29.41%
Good	No. 8	23.53%	Pass	No. 6	17.65%



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, Medical biotechnology.• Medicine from cultured cells• DNA Recombination & Application of genetic engineering.	48	Prof. Dr/ Mohamed ElSeweidy
<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	12	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	√
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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 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
Well organized course structure	

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 2020– 2021:

Action required	Completion date	Person responsible
The course content should be presented simply and clearly.	2010– 2021	Course coordinator &Course team

Course Coordinator: Prof. Dr / Mohamed Mahmoud Elseweidy

Signature:

Date:

تم مناقشته واعتماده بمجلس القسم بتاريخ