

# **COURSE REPORT**

## **Molecular Biology**

2019-2020

# **Annual Course Report**

**University:** Zagazig

**Faculty:** Pharmacy

**Department:** Biochemistry

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## **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:**-----

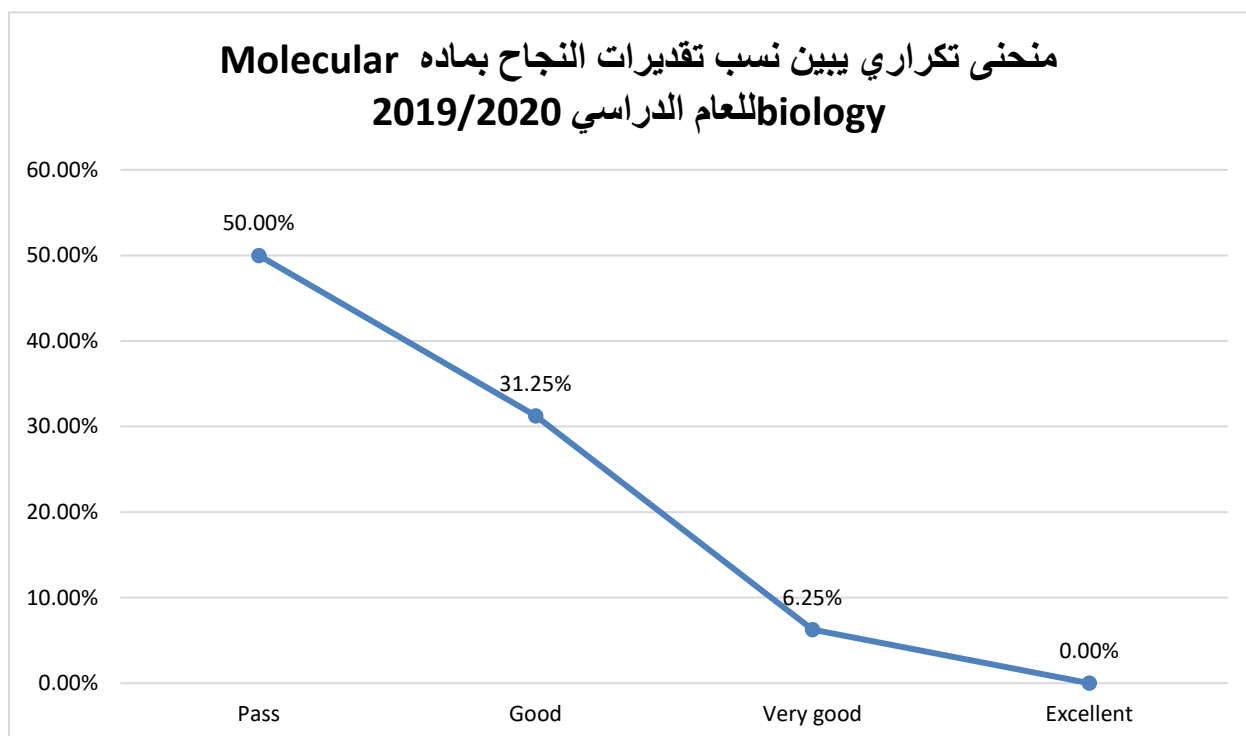
<b>Lectures</b>	4 hrs/week
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5. **Names of lecturers contributing to the delivery of the course:**
  - **Prof. Dr/ Mohamed ElSeweidy (Biochemistry department)**
  - **Prof. Dr/ Fathy serry (Microbiology department)**
6. **Course coordinator:**
  - **Prof. Dr/ Mohamed Mahmoud ElSeweidy**
7. **External evaluator:**
  - **Dr. Maha Hussein – Damanhur university**

## **B- Statistical Information:**

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

<b>Results:</b>					
Passed	No. 28	87.5 %	Failed	No. 4	12.5 %
<b>Grading of successful students:</b>					
Excellent	No. 0	0 %	Very Good	No. 2	6.25 %
Good	No. 10	31.25 %	Pass	No. 16	50 %



## **C- Professional Information:**

### **1-Course teaching:**

<b>Topic</b>	<b>No of hours</b>	<b>Lecturers</b>
<ul style="list-style-type: none"><li>• DNA structure, DNA replication steps, RNA ribosomal, transfer, messenger</li><li>• Transcription steps of prokaryotic genes</li><li>• Analysis of cloned products (southern, northern, western).</li></ul>	30	-Prof. Dr/ Mohamed ElSeweidy. - Prof. Dr/ Fathy serry
<ul style="list-style-type: none"><li>• Genetic code, Wobble hypothesis, Protein synthesis.</li><li>• Recombinant DNA, Stem cells, human cloning.</li><li>• PCR application, LCR.</li><li>• RFLP, Prenatal diagnosis, Diagnosis of sickle cell disease.</li></ul>	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:**  
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## 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 %
<b>TOTAL</b>	<b>100</b>	<b>100%</b>

### 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
<ul style="list-style-type: none"><li>The course content should be presented simply and clearly.</li></ul>	The course content will be presented simply .

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

Comments from external evaluator:	Response of course team
Well structured course design	

## 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 presented simply and clearly.	<b>2020– 2021</b>	Course coordinator &Course team

**Course Coordinator: Prof. Dr/ Mohamed Mahmoud ElSeweidy**

**Signature:**

تم مناقشته واعتماده بمجلس القسم بتاريخ