



Ph.D. Pharm. Sci Degree in Biochemistry

Program Report

(2018 – 2019)



Ph.D. Pharm. Sci Degree in Biochemistry

A- Basic information:

- 1- Program title:** Ph.D. Pharm. Sci Degree in **Biochemistry**
 - 2- Program type:** Monodisciplinary
 - 3- Faculty/ University:** Faculty of Pharmacy, Zagazig University
 - 4- Department:** biochemistry
 - 5- Program duration:** 3-5 years
 - 6- Coordinator:** Ass. Prof. Nahla Younis
 - 7- External Evaluator:** Prof. Dr. Ola sayed
 - 8- Internal Evaluator:** Prof. Dr. Hoda Elsayed
 - 9- Year of operation:** 2018-2019
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B- Statistics:

- 1. No. of students admitting the program (2015/2016): 2**
- 2. Percentage of students admitting the program this year (relative to the previous year)**

No. of students this year (2018-2019)	No. of students last year (2017-2018)
1	1

- 3. No. of students completing the program and as a percentage of those who started:**

No. admitting the program	No. of students entered the exam	No. of students completed the program this year	Percentage
2	2	2	100%

- 4. Grades: no. and percentage of each grade: Non applicable**

C- Professional Information:

Academic Standards:

1. Achievement of Program Intended learning Outcomes.

i-The following table presents the courses taught in the program and the covered ILOs`:

Course Code	Course Title	Credit hours	Program ILOs Covered	Exam duration
	Special Courses:			
BSp6	Regulation of gene expression	4	A1, A3, B1, B4, D2, D3, D5	4 hours
BSp4	Molecular endocrinology	4	A1, A3, B1, B2, D2, D3	4 hours
BSp5	Biotransformation	4	A1,A2, B1, B3, D2, D3, D5	4 hours
	Thesis	30	A1, A2, A3, A4, A5, A6, A7 , B1, B5, B6, B7, C1,C2,C3, C4, D1, D2, D3, D4, D5, D6, D7	30 hours

2. Achievement of Program Aims:

a. The aim as well as the intended learning outcomes of the program has been evaluated regarding; students achievement using different assessment methods as described below indicated high achievement % and complete achievement of program ILOs.

3. Assessment Methods:

Method	item assessed
Written exam	1- Courses: Special: (3courses x4 hours) 12 credit hours
Oral exam	
Activity	
Seminars	2- Thesis: 30 hours
Supervisors follow up reports	
Two published articles	
Thesis and oral presentation	
Pass	3- General University Requirements: 10 credit hours including: a- TOEFL (500 units) b- Computer course c- number of semesters: 2 semester

4. Student Achievement:

Course Code	Course Title	Student 1 grades	Student 2 grades
BSp6	Regulation of gene expression	98 A	100 A
BSp4	Molecular endocrinology	94 A	98 A

BSp5	Biotransformation	91 A	100 A
	English language	TOEFL	TOEFL
	Computer course	√	√
	Thesis eligibility report	√	√
	Two published articles	√	√

5. Quality of learning opportunities:

a. Quality of Teaching and Learning:

b. Effectiveness of student support system:

Academic advisor is available for student guidance during courses registration as well as solving problems encountered during their learning experience.

c. Availability and adequacy of program handbook.

In fact, a program handbook is available as a hard and soft copy demonstrating illegibility and registration requirements, list of courses, credit hours as well as teaching and assessment methods.

d. Learning Resources:

- *Adequacy of the number and specialty of the faculty members to the requirements of the program:*

- Number of department staff: 9
- Number of PhD students: 2
- Students/ staff ratio: 2:9

- Regarding teaching of special courses: Biochemistry staff is responsible for courses delivery
- Regarding thesis supervision: Biochemistry staff members are responsible for determining the research point and supervising the thesis.

- *Adequacy of facilities for thesis completion:*

6. Quality Management.

a. Availability of regular evaluation and revision system for the program:

Program specification of the academic year 2017-2018 was reviewed by: Internal and external reviewers as well as reviewers of NAQAAE and all their comments are reviewed and considered in program specification 2018-2019.

External reviewer comments: revision and rephrasing program ILOs to emphasize the program aim regarding developing the students' research abilities

Reviewers of NAQAAE: Benchmark of program ILOs with similar international Ph D program

b. Effectiveness of the system:

- No administrative constraints present that may hinder achieving program ILOs.
- The faculty is seeking for increasing budget required for research to improve research facilities.

c-Effectiveness of Faculty and University Laws and Regulations for Progression and Completion.

The system effectively supports the students in a manner that fairly facilitates the progression and completion of the degree.

d. Faculty Response to Students and External Evaluations:

- Bench mark of the program ILOs were compared to the Ph.D. program awarded by University of Illinois, USA

8. Proposals for Program development:

a. Program structure: Refer to the attached program specification and postgraduates bylaws.

b. Courses, deletion, addition, modification: new topics will be added to “the special courses to be more specified in the new law.

c. Staff development: encourage staff members for conference and workshop attendance

9. Action plan for improvement:

Action	Person responsible	Completion date
Revision of program ILOs and make required changes	• Program coordinator	2019-2020
Improve research facilities	• Vice dean for postgraduate studies and research	2019-2020
Update course contents in the next new bylaw	• Vice dean for postgraduate studies and research • Program coordinator	2020 - 2022
Organize different workshops to build up students research abilities	• FLDP center • Faculty training unit	2019-2020

- Vice dean of postgraduate studies.....
- Program coordinator.....







