PhD. Pharm. Sci. Degree in Pharmacology and Toxicology

Program Report

(2018 – 2019)

PHD. Pharm. Sci. Degree in Pharmacology and Toxicology

A- Basic information:

1- Program title: PhD. Pharm. Sci. Degree in **Pharmacology and Toxicology**

2- Program type: Single

3- Faculty/ University: Faculty of Pharmacy, Zagazig University

4- Department: Pharmacology and Toxicology

5- Program duration: 3-5 years

6- Coordinator: Assis. Prof. Dr. Ahmed Fahmy

7- External Evaluator: Prof. Dr. Sameh El-Nabtiti

8- Internal Evaluator: Prof. Dr. Salah Ghareib

9- Year of operation: 2018-2019

B- Statistics:

1. **No. of students admitting the program this year (2018-2019): 2**
2. **No. of students completed the program this year (2018-2019): 4**
3. **Grades: no. and percentage of each grade:** Non applicable

C- Professional Information:

Academic Standards:

1. Achievement of Programme 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
	Special Courses:		
Lsp4	Advanced trends in pharmacology	4	A.1, A.3, A.8, B.1, B.7, D.4, D.5
Lsp5	Management of chronic diseases	4	A.1, A.7, B.1, B.2, D.1, D.5
Lsp6	Pharmacology of natural products	4	A.1, A.6, B.2, B.7 D.2, D.6
	Thesis	30	A.1, A.2, A.3, A4, A.5, A.6, A7, B.1, B.2, B.3, B.4, B.5, B.6, B.7, C.1, C.2, C.3, C.4, C.5, D.1, D.2, D.3, D.4, D.5, D.6, D.7

2. Achievement of Program Aims:

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

3. Assessment Methods:

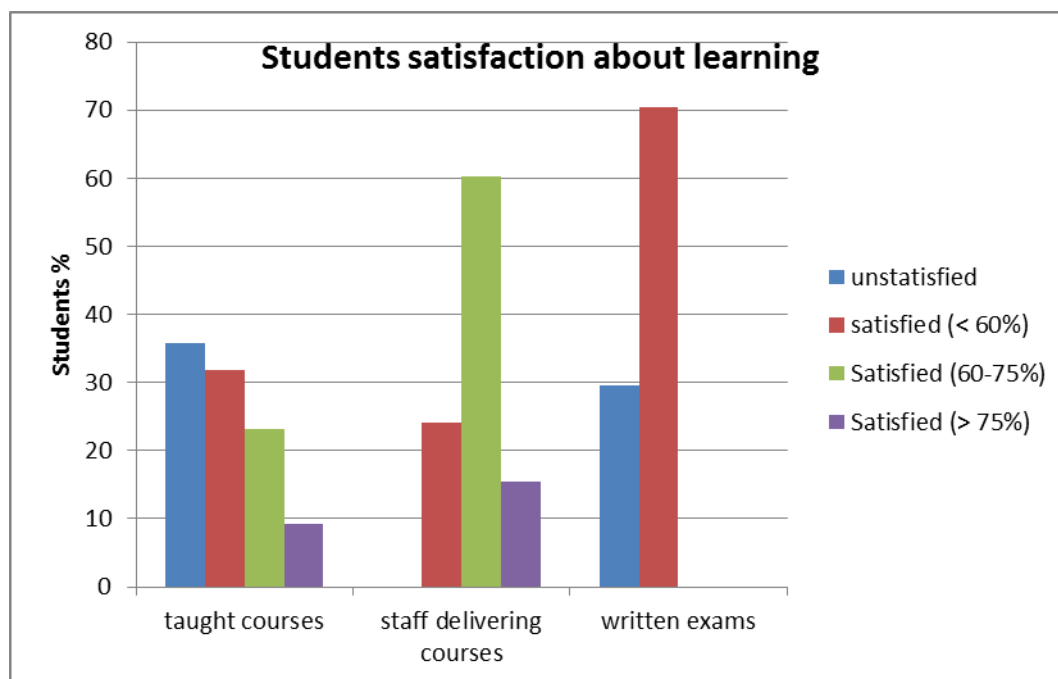| Method	Item assessed
Written exam	Special: (3courses x4 hours) 12 credit hours
Oral exam	
Activity	
Seminars	**2- Thesis:** 30 hours
Supervisors follow up reports	
One published article	
Thesis and oral presentation	
Pass	**3 General University Requirements: 10 credit hours including:** **a- TOEFL (500 units)** **b- Computer course**

4. Student Achievement:

Course Code	Course Title	Student 1 grades	Student 2 grades
Special courses:			
Lsp4	Advanced trends in pharmacology	89 (B+)	77 (C+)
Lsp5	Management of chronic diseases	86 (B+)	----
Lsp6	Pharmacology of natural products	90 (A)	82 (B)
	English language	ILETS	TOEFL

	Computer course	√	√
	Thesis eligibility report	√	√
	Two published articles	√	√

4. Quality of learning opportunities:

a. Quality of Teaching and Learning:

The quality of teaching and learning was evaluated through questionnaires distributed to all postgraduates' students in the faculty. About 40- 45% of students were unsatisfied about the courses contents and their ability to develop intellectual skills. About 60% of the students were unsatisfied about the availability of the required references for the program. The overall questionnaire results are illustrated in the following figure:

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.
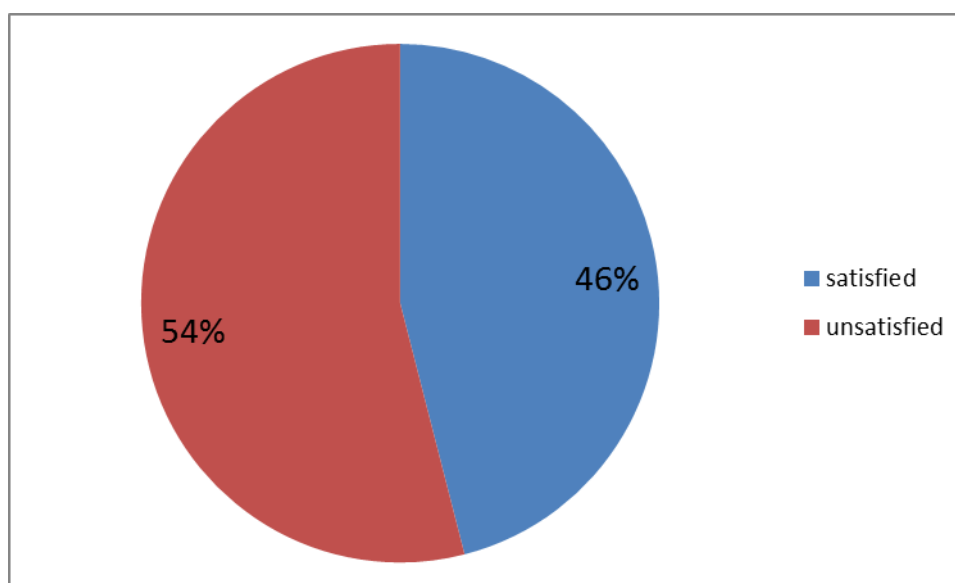
d. Learning Resources:

- *Adequacy of the number and specialty of the faculty members to the requirements of the program:*
  - Number of department staff: 8
  - Number of PHD students: 2
  - Students/ staff ratio: 1:4
- The specialty of the department head is related to Pharmacology.
- Regarding teaching special courses: staff from pharmacology is responsible for courses delivery
- Regarding thesis supervision: Three staff members from Faculty of Pharmacy are selected according to the determined research point.

- *Adequacy of facilities for thesis completion:*
  - Students were unsatisfied about the available lab instruments, references and computer programs required for thesis preparation.

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 regrading developing the students' research abilities

Reviewers of NAQAAE: Benchmark of program ILOs with similar international PhD 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 was done with PHD program in Pharmacology delivered by College of Pharmacy and Health Sciences, Saint John's University, USA.

8. Proposals for Program development:

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

b. Courses, deletion, addition, modification: Not applicable.

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
Arrange at least one journal club per year	• Program coordinator	2019 – 2020
Improve research facilities	• Vice dean for postgraduate studies and research	2019-2020
Update course contents	• Program coordinator	2019-2020
Organize different workshops to build up students research abilities	• FLDP center • Faculty training unit	2019-2020

- Vice dean of postgraduate studies……………………….

- Program coordinator………………………………