



**Fayoum University**  
**Faculty of Education**

**THE REQUIRED COMPETENCIES FOR  
POST-GRADUATE STUDENTS IN FACULTIES OF  
EDUCATION IN THE ARAB REPUBLIC OF EGYPT  
IN LIGHT OF SOME COUNTRIES EXPERIENCE**

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## **Summary**

### **Introduction**

Being a vital area for the preparation of post-graduate students in Faculties of Education, universities conspicuously seek to equip them with the required competencies, skills, abilities, cognition, values and ethics that highly qualify them and enable them to practice educational research with great quality and accuracy of research along with the need to provide competencies for graduate students in Faculties of Education, whether academic, technological, ethical, technical, procedural, cultural or personal, to meet the challenges and developments in the field of cognition and in the field of information and communication technologies.

According to the results of previous studies, it is noted that there is a need for good preparation for the post-graduate students "Masters and Ph.D. holders" to provide scientific messages to help spread knowledge. Therefore, the present study is an attempt to develop a suggested proposal for the competencies required for post-graduate students in Egyptian Faculties of Education in light of taking advantage of the experiences of some developed countries.

### **Problem of the Study**

The problem of the study is summarized in the following main question: "What are the required competencies for post-graduate students in Faculties of Education in the Arab Republic of Egypt in light of some countries experiences"?

This question is divided into the following sub-questions:

١- What is the post-graduate level in Faculties of Education, its objectives, its importance, its functions, its characteristics and components?

٢- What competencies should be available to post-graduate students in Faculties of Education?

٣- What experiences of some countries in the required competencies for post-graduate students in Faculties of Education?

٤- What is the reality of the required competencies for post-graduate students in the Faculties of Education in the Arab Republic of Egypt?

٥- How to benefit from the experiences of countries in the required competencies for post-graduate students in Faculties of Education in the Arab Republic of Egypt?

### **Objectives of the Study**

The objectives of the present study are:

١- Defining the post-graduate stage in Faculties of Education, its objectives, its importance, its functions, its characteristics and components.

٢- Identifying the concept of post-graduate student and the required competencies for post-graduate students and the ethics of graduate students.

٣- Determining the experiences of some countries in the field of the required competencies for post-graduate students in Faculties of Education.

٤- Monitoring the reality of required competencies for post-graduate students in Faculties of Education in Egyptian universities.

٥- Identifying the similarities and differences between required competencies for post-graduate students in Faculties of Education in the United Kingdom, the United States and Australia, and the possibility of benefiting from them in Egypt.

٦- Developing a suggested proposal for the required competencies for post-graduate students in Faculties of Education in the Arab Republic of

Egypt in light of benefiting from the experience of the comparison countries.

### **Limitations of the Study**

Topical Limits: The study is limited to tackling the required competencies for post-graduate students in Faculties of Education in the Arab Republic of Egypt.

Geographic Limits: The study is limited to some Faculties of Education in the Arab Republic of Egypt, the United Kingdom, the United States and Australia.

Time Limits: The time limits of the study start from ٢٠١٧, taking into account the progress achieved in the field of Faculties of Education, required competencies for post-graduate students, and time limits will be extended until completing this study, and the field remains future open.

Spatial Limits: The study is limited to the actual reality of the required competencies for post-graduate students in Faculties of Education in the Arab Republic of Egypt and some countries, for example the United Kingdom; one of the leading and advanced countries in this field and the United States of America due to its excellence in the field of competencies for graduate students in Faculties of Education all over the world. Besides, it is the most influential in the current research movement. As for Australia, it is the leader in the field of competencies for graduate students in Faculties of Education. Also, Australia adopts everything new and adapts to the circumstances, which is needed in Egypt.

Human Limits: The study is limited to students of post-graduate education (Masters and Doctorates).

### **Terminology of the Study**

#### **Competencies.**

The current study identifies competencies as: specific characteristics or abilities of the individual that enables him to perform appropriate specific actions, and adequacy represents the ability of the individual when he is brought into the job along with the responsibilities of the job require the production of desired outcomes, the presentation of specific actions and the individual deriving his internal resources for responsiveness.

### **Post-Graduate**

It means the studies in which the student conducts research and the achievement of his requirements for obtaining a graduate degree such as master's and doctorate degrees. The requirements vary between countries. It has more meaning in every country.

### **२- Post-Graduate Students**

A graduate student is generally meant to be an individual who conducts research from a master's degree or doctorate whether he is a student or a faculty member, and has innate and psychological preparations in addition to the acquired scientific competence which qualifies him to carry out scientific research.

The practical definition is: (acquired abilities required for post-graduate students in the Faculties of Education, whose content consists of knowledge, skills, abilities and trends integrated in a complex that allows scientific research characterized by the characteristics and specifications of good scientific research, which is divided into scientific, logical, technical, planning, procedural and evaluation competencies).

### **Methodology of the Study**

The study used the comparative approach in both descriptive and comparative analysis, because it is one of the most appropriate and comprehensive methods to study the problem.

### **Study Steps**

The study followed several steps reflected in the following chapters:

- ١- The general framework of the study comprises (an introduction - problem of the study - its objectives - its importance - previous studies - its methodology - its terms - its limits – and steps of study).
- ٢-The theoretical framework of the study comprises (the post-graduate stage in Faculties of Education in terms of its objectives, its importance, its functions, its characteristics and components - graduate programs in the Faculties of Education).
- ٣- Post-graduate student in terms of (characteristics - functions), and required competencies for post-graduate students in Faculties of Education.
- ٤- Identifying the required competencies for post-graduate students in Faculties of Education in the United Kingdom, the United States and Australia.
- ٥- Revealing the current state of required competencies for post-graduate students in the Faculties of Education in the Arab Republic of Egypt.
- ٦- Comparative analysis of the required competencies for post-graduate students in the Faculties of Education between Egypt and the comparative countries.
- ٧- Developing a suggested proposal for the competencies required for post-graduate students in the Faculties of Education in the Arab Republic of Egypt in light of benefiting from the experience of the comparison countries.

### **Results of the Study**

A. The study revealed the existence of a number of obstacles that prevent the acquisition of competencies for post-graduate students in Faculties of Education in Egyptian universities, including:

- ١- Technological progress and rapid flow of specialized knowledge in various fields, and local and global societal changes.

٢- The weakness of the technical equipment's and technical capabilities of the university, although they are already exist, but they cannot be exploited optimally, which causes the waste of material resources.

٣- The dominance of some misconceptions related to modern techniques among the individuals themselves such as (guardianship) for fear of use.

٤- Some students lack skills, competencies and scientific research techniques.

٥- Many post-graduate students in Faculties of Education make mistakes related to the identification of the problem of study and choose the appropriate approach to study, and the appropriate statistical method.

٦- Weak data bases that discover scientific plagiarism, and weak critical research readings.

٧- The absence of a regulatory system that is concerned with the scientific honesty, i.e., the lack of regulations that limit plagiarism and determine its punishment.

B. The study reached a list of competencies required for Masters and Ph.D. students in Faculties of Education in the Arab Republic of Egypt, as well as a set of proposals for acquiring the required competencies for post-graduate students in Faculties of Education in Egyptian universities.