



Yarmouk University

Faculty of Educational Sciences

Ph.D. in Measurement and Evaluation

Program Overview

The goal of the PhD program in Measurement and Evaluation is to train human cadres with specialized knowledge in measurement, evaluation, and educational statistics. These cadres should possess depth, efficiency, and creativity to enable them to make valuable contributions to the advancement of science in society. By carrying out innovative scientific research and tackling challenges and concerns in education that need the science of measurement, evaluation, and educational statistics to make a significant contribution, the program also aims to develop researchers who can create and codify research tools and collect and analyze data quantitatively and qualitatively using modern software (quantitatively and qualitatively) according to the classical theory of

measurement as well as the modern theory of measurement. The program also deepens the appropriate statistical understanding and application of the phenomena studied, as well as the ability to study assumptions related to statistics.

Program Vision

To be a notable measurement and evaluation program at the local, regional, and worldwide levels that effectively contributes to the creation of knowledge and its applications for the benefit of society and the world.

Program Mission

The program's mission is to prepare creative human cadres and researchers with scientific knowledge and useful skills in the assessment and measurement of psychology and education. Graduates are equipped to conduct assessment procedures, provide testing, metrology, and diagnostic services, and participate in the local, regional, and global labor markets. Graduates can also prepare evaluation reports and offer specific training, research, and consulting services to a range of community organizations.

Program Objectives

The PhD in Measurement and Evaluation intends to:

- *Prepare highly qualified specialists and researchers in educational assessment, evaluation, and statistics.
- * Empower and strengthen students' grasp of measurement and evaluation regarding concerns and difficulties, as well as keeping them up to date on local and international scientific advances.
- * Develop autonomous scientific research skills, as well as be educated and up to date on all local and global scientific advancements.
- * Address educational challenges and topics that require a basic contribution from the fields of measurement, assessment, and educational statistics.
- * Provide educational institutions with specialists and consultants who can diagnose and provide services and programs on measurement and evaluation.

Program Outcomes

- Uses statistical analysis techniques and a thorough understanding of scientific research approaches to conduct qualitative and quantitative research.
- Identify evaluation methods and their characteristics, and apply them successfully in various evaluation situations.
- Uses analytical statistics to prepare one's dissertation, conduct some theoretical and applied research, and interpret and write the results before presenting them orally and in writing in seminars, conferences, or reports prepared in accordance with the American Psychological Association's Publication Manual.
- Professionally creates information-gathering methods and applies analytical statistical principles to a variety of evaluation, research, and practical situations.
- Uses classical measurement theory ideas to create psychological and educational tests and standards, offer validity and reliability indicators, and determine performance requirements.
- makes use of the findings from the measurement of values, inclinations, and attitudes in the provision of expert assistance and counselling.
- Constructs standards and tests, corrects them, interprets the results, and derives standards connected to them using computer programs for data analysis.
- Uses higher-order thinking skills, as well as critical and creative thinking, to analyze and investigate measurement and evaluation challenges.
- Demonstrates a desire to learn and grow professionally, as well as a dedication to gaining and generating new information and skills through effective use of technology and databases.

Program Importance

The PhD program in Measurement and Evaluation is recognized because it plays an important role in the development of education and educational research. This program assists researchers in developing and improving measurement and evaluation techniques that contribute to a thorough knowledge of the growth of students and educational institutions. Individuals who complete this program can play an important role in analyzing educational data and setting assessment strategies to improve instructional effectiveness and student outcomes over time.

Job Areas

Graduates of the PhD program in measurement and evaluation can find employment in a variety of sectors, such as:

1. An educational entrepreneur capable of developing and guiding educational initiatives to the desired outcomes.
2. A university faculty member or institute/college administrator.
3. Researcher at universities and research institutions.
4. Measurement, evaluation, and test preparation facilities.
5. Both private and public institutions which are engaged in understanding human behavior.
6. Curriculum development centers and accreditation bodies.
7. Ministry of Education.

Credit Hours and Tuition Fees

The program requires students to complete (54) credit hours.

The price per hour for Jordanian students is 100 JD.

The price per hour for non-Jordanian students is 350 USD.

Study Plan Overview

The program requires students to complete (36) credit hours from courses at the doctoral level (700 level), in addition to any additional courses deemed necessary by the department that were not covered in the student's previous studies. Additionally, students are required to pass a comprehensive examination after completing the courses.

Furthermore, students are required to register for the thesis, comprising (18) credit hours, during which they conduct field research, prepare the thesis, and successfully defend it. Before defending their thesis, students must also pass the acceptance for publication of a research paper in one of the university's peer-reviewed and approved journals, derived from their theses.

Contact Information

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