جامعة الأمير مساعد بن عبدالرحمن
Prince Musaid Bin Abdulrahman University
2011-1432

Research Project Course Guide
HCM600

College of Health Sciences
Saudi Electronic University

202510

Introduction

Scientific research is one of the important pillars that contribute to the progress of societies, and the rational leadership in the Kingdom of Saudi Arabia has been keen to pay attention to scientific research as one of the most prominent elements in the Kingdom's Vision 2030. From this standpoint, the research project course was one of the most important courses of postgraduate programs at the College of Health Sciences, which is in line with the goals The Saudi Electronic University for Excellence in the field of scientific research, where students' skills are developed in the field of scientific research in line with the requirements of the labor market and the need of society

The research project course is an applied course, where the student uses the knowledge and skills he acquired during his study of postgraduate programs at the College of Health Sciences to solve a practical problem in his field of specialization by searching for solutions to that problem through planning, identifying the necessary and using them well.

Definitions

Research Project: The research project is a research question that the student designs and studies, collects important data to test its validity, and writes a report on all these stages under the supervision of the academic supervisor of the project.

The research project plays an important role in providing the student with the basic skills to conduct scientific research independently, and to apply the skills he learned during his academic career in the classrooms he studied before reaching the project stage. The research project is an important stage for evaluating the student's ability to apply the skills learned in the program independently of the academic supervisor. The project also aims to motivate the student to be creative in his field and to choose research issues that are compatible with the master's program.

Research supervisor: is the guide for the students who will be looking after the students' work progress.

Role of supervisor:

- A supervisor is responsible for the following roles:
  - ✓ assisting the student in choosing the research topic
  - ✓ assisting in the submission of Form 1
  - ✓ supervising the preparation of research proposal
  - ✓ supporting the execution of research work
  - ✓ keeping checks on the progress of the students' work on time
  - ✓ facilitating Thesis submission to the research committee
  - ✓ facilitating Thesis evaluation by conducting final presentations
  - ✓ submission of gradesheet and entry of grades on the banner

Research examiner: is a double blinded reviewer who is assigned by the research committee to evaluate the thesis submitted by students. Each thesis is examined by two separate examiners simultaneously.

Role of examiner:

- ✓ evaluate the thesis of the student
- ✓ grade the thesis using digital Form 3
- ✓ evaluate the final presentation
- ✓ grade the final presentation using digital Form 4
- ✓ submit Form 3 and Form 4 to the supervisor as soon as the final presentation is over.

Research committee: is a body of individuals grouped to coordinate and oversee the conduction of research projects at the college of health sciences.

Role of research committee:

- ✓ Approval of plans for conducting research projects in each semester
- ✓ Approval of research title for each student
- ✓ Decision making in case of unexpected problems, disputes and discrepancies related to research projects.

Research coordinator: is responsible for coordination of research projects and ensure its completion on time.

Role of coordinator:

- ✓ Plan the execution of research projects in each semester
- ✓ Decide the important dates and events for the semester
- ✓ Prepare Form 1, 2, 3, 4 and Thesis submission Form.
- ✓ Receive and get the approval for Form 1 for students' research work
- ✓ Ensure the submission and evaluation of thesis.
- ✓ Oversee all the projects and its execution ensuring their completion on time.
- ✓ Collect the gradesheets for each CRN from supervisors and submit them to the head of department.

Objectives of the Research Project

After completing the research project, the student will be able to:

- Apply the basic concepts and methodologies of research.
- Determine the appropriate research problem.
- Preparing a proposal and plan for the graduation research project.
- Applying ethical standards for scientific research.
- Comparing the different research methods and choosing the most appropriate one according to the problem of the graduation research project.
- Use appropriate methods to collect data according to the research methodology.
- Preparing questionnaires and data collection tools.
- Evaluate the strengths and weaknesses of the methods used in the various research studies.
- Using critical thinking methods to solve scientific research problems.
- Data analysis using statistical software.
- Present and evaluate results critically and objectively.
- Documenting research references.
- Preparing, presenting and discussing the graduation project presentation.

Regulations for Registration in the Research Project

A student is allowed to register for the research project course after passing the following requirements:

- That the student has completed the academic requirement by passing no less than 15 study hours from the study plan of the program.
- The student should be regular in the study in the semester in which he wants to register.
- The student must have passed the courses required for the research project course:
    - HCM505 Research Methods course
    - HCM506 Applied Statistics course

Stages of implementing the Research Project

1. Project selection and approval by the committee:

- Registration for the research project course is provided that the student has successfully passed the previous requirements of the research project course (mentioned in the registration controls for the research project course).
- Before starting writing the research project proposal, the student must submit a request to the supervisor to approve the title of the project on the form designated for that (Form 1) (no later than the end of the second week of the beginning of the semester).
- The supervisor approves the form and then submits it to the scientific research supervision committee.
- The Scientific Research Supervisory Committee examines the proposed title and expresses an opinion on it by approving it.

2. Project preparation and implementation:

- After approving the title of the research, the student submits to the research supervisor his research project proposal (Form 2) in which he reviews the research topic, its importance, and the proposed plan for implementing the research project, along with setting the necessary time frame for implementing the proposed research (no later than the end of the fourth week of the beginning of the semester).
- In the event that the research requires the approval of the Scientific Research Ethics Committee, the student must complete all ethical approval requirements for the

research project and review them through the supervisor (no later than the end of the sixth week of the beginning of the semester).

- The student is required to submit a request for a delivery date and discuss the graduation research within a sufficient period (not less than four weeks) before the delivery date.
- The student has the right to request feedback from members of the discussion committee, provided that the research project is sent no less than three weeks before the deadline set for delivery.
- After completing the research project, the student submits his research project to the supervisor with a report on the citation percentage, which should not exceed 25% (the supervisor should not accept the student's research project if the percentage is higher than that, with references excluded).
- The evaluation is done using the final research evaluation form (Form 3), which includes the evaluation of the research by the supervisor and two faculty members who are appointed by the Scientific Research Supervision Committee. The evaluation of the research is done without knowing the name of the student or the name of the supervisor. The student's grade in the research project is the sum of the grades obtained by the student from the members of the discussion committee (the maximum period for completing the requirements of the research project is three semesters).

After completing the assessment, the student will make a presentation before the discussion committee and postgraduate students wishing to attend. The evaluation will be done by the discussion committee according to the presentation evaluation form (Form 4). The distribution of grades for the evaluation of the research project

will be according to the table below:

النشاط	المقيّم	الدرجة	الدرجة الكلية
التقييم النهائي للمشروع البحثي	المشرف	40	80 درجة
	المحكم الاول	20	
	المحكم الثاني	20	
العرض التقديمي للمشروع البحثي	المشرف	10	20 درجة
	المحكم الاول	5	
	المحكم الثاني	5	
المجموع النهائي			100 درجة

Writing the Final Project document:

- The final document for the research project is written after fulfilling all the requirements according to the steps, forms and templates attached to this guide and with the supervision of the supervisor and the Scientific Research Supervision Committee.
- Writing the final document begins based on the approvals made for the title and proposal of the research project and continues until the student obtains the final degree after discussion and final evaluation. It is preferable that a scientific paper from the document be published in one of the approved periodicals for the benefit of researchers and the community.



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