

Ph.D. Program In Physiology

**College of Medicine
King Saud University
P.O.Box 2925
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Saudi Arabia**

Ph.D. in Physiology

Introduction:

The Department of Physiology, College of Medicine, is now offering a graduate program leading directly to the degree of Doctor of Philosophy (PhD). This Ph. D program will offer outstanding students the opportunity to study physiology at the postgraduate level. Those who successfully pass this program will be qualified to serve as academic staff in universities, colleges and health institutes, or they may take research as a career in specialized centers.

Program Objectives:

As an adjuvant to the MSc in Physiology program, the PhD program will serve the following *general and specific* objectives:

I. General Objectives:

1. Preparation of highly qualified persons in the various branches of Physiology in order to meet the urgent need for Physiology teaching staff in the Kingdom of Saudi Arabia.
2. Encouragement of local postgraduate training.
3. Enrichment of local scientific milieu in the domains of both teaching and research through augmentation of intimate ties with the recent developments in Physiology.
4. Enrollment in the program of brilliant and outstanding students so as to nurture and further develop their talents, and assist them to attain higher qualification.
5. Execution of scientific research pertaining to the local health problems.
6. Promotion of academic excellence, which will be positively reflecting the University standing amongst other Arab and International Universities.

CONDITIONS FOR ADMISSION:

In addition to the general regulations of the Board of Higher Studies, King Saud University, the Physiology Department demands the applicant fulfill the following:

1. Hold a degree of M.Sc. in physiology from King Saud University, or its equivalent.
2. Pass an interview.

DEGREE STRUCTURE:

1. The study for Ph.D program comprises both research and course work. The course work should not be less than 12 units, in accordance with article 34-2 of Uniform Bylaws for Higher Studies, King Saud University.
2. The courses will be taught in two semesters.
3. The student is eligible to study some M.Sc. courses, which he had not studies before.
4. The time required for completion of the Ph.D study should not be less than 6 semesters and not exceed 10 semesters, summer courses being excluded.
5. The candidate is required to pass a comprehensive examination in physiology, or in one of its specialties, before starting writing up the thesis.
6. The candidate is expected to engage in original research work under supervision by one of the staff members, in his own specialty. There are several specialties in the Department of Physiology, which include haematology, immunology, circulation, respiration, neurophysiology, gastrointestinal physiology, and others.
7. The student should forward a dissertation having the qualities of originality and creativity.