

Master's Degree In Physiology

**College of Medicine
King Saud University
P.O.Box 2925
Riyadh 11461
Saudi Arabia**

Introduction

A two-year (four semesters) program in physiology leading to the degree of M.Sc. in physiology is offered by the Physiology Department in the College of Medicine.

The objectives of the program are:

- a- To prepare highly qualified physiologists in appropriate fields.
- b- To provide an educational environment that encourages creativity and research both functional and applied.
- c- To develop and enrich knowledge as applied to patient care.

Conditions of Admission:

In addition to the general regulations governing admission to graduate studies set by College of Graduate Studies the student will be required to attend an interview to be held in the department prior to acceptance.

Non medically qualified candidates from the Colleges of Pharmacy, Dentistry, Applied Medical Sciences and in certain cases, qualified students from other Colleges having strong background in areas pertinent to physiology may be accepted in the program, their admission to the graduate program will only be confirmed after passing the designated prerequisite courses with grade "Very Good".

The Degree Program

Course requirements: The student has to full fill a minimum of *twenty nine credit hours* (plus a thesis). *Non-medically qualified* student will be required to take courses PSL 131 (10 C.H.) , and PSL 132 (3 C.H.) or their equivalent as *prerequisites* and to do graduate work.

Courses

OBLIGATORY COURSES (14 HOURS)

No	Name of Course	Hours
PSL (501)	CARYDIOVASULAR PHYSIOLOGY	3 (2+ 1)
PSL (521)	RESPIRATORY PHYSIOLOGY	2 (1 +1)
PSL (531)	GASTOINTESTIONAL PHYSIOLOGY	3 (2+ 1)
PSL (541)	NEUROPHYSIOLOGY	2 (1 +1)
PSL (551)	BLOOD PHYSIOLOGY	2 (1 +1)
PSL (561)	ENDOCRINE PHYSIOLOGY	2 (1 +1)
TOTAL		14

ELECTIVE COURSES (15 HOURS)

No	Name of Course	Hours
PSL (502)	ADVANCED CARYDIOVASULAR PHYSIOLOGY	3 (2+ 1)
PSL (571)	RENAL PHYSIOLOGY AND BLOOD FLUIDS	3 (2+ 1)
PSL (542)	ADVANCED NEUROPHYSIOLOGY	2 (1 +1)
PSL (581)	LIVER & RETICULOENDOTHELIAL PHYSIOLOGY	3 (2+ 1)
PSL (522)	ADVANCED RESPIRATORY PHYSIOLOGY	2 (1 +1)
PSL (514)	EXCRCISE PHYSIOLOGY	2 (1 +1)
PSL (591)	SEMINAR IN PHYSIOLOGY	2 (1 +1)
PSL (515)	EXPERMENTAL PHYSIOLOGY	3 (2+ 1)
PSL (532)	ADVANCED GASTOINTESTIONAL PHYSIOLOGY	2 (1 +1)
PSL (552)	ADVANCED BLOOD PHYSIOLOGY	2 (1 +1)
PSL (601)	AUTONOMIC NERVOUS SYSTEM	2
PSL (602)	QUANTITATIVE MEASUREMENT IN PHYSIOLOGY	2
PSL (600)	THESIS	
TOTAL		15