Postgraduate Degrees in ANATOMY

King Saud Univeresity
Faculty of Medicine
Department of Anatomy

ABSTRACT

The postgraduate courses in Anatomy comprises of **M.S.** and **Ph.D**. degrees, the basic qualifications for admission being **M.B.B.S**. for the former and **M.S**. for the later.

The main objective of the courses is to allow specialization in the various fields of Anatomy and to train personnel for teaching and research.

For **M.S** Degree the following courses are offered:

1. Morphology
2. Embryology
3. Histology
4. Cell Biology
5. Medical Senetics
6. Neuranatomy
7. Radiological anatomy
8. Clinical Anatomy
9. Comparative Anatomy

For **Ph.D**. the following courses are offered:

1. Electron-microscopy
2. Specialized laboratory techniques
3. Systemic anatomy
4. Experimental Embryology

The courses are designed to prepare the student to undertake research work by learning the methodology and various techniques employed in this field and make him adapt in handling the various costly equipment such as electron and scan-microscopes. He will also be trained to be proficient teacher in the subject.

Admissions to the courses

Master degree

The minimum qualification for admission is **M.B.B.S**. The application of the candidate will be processed by the committee for the postgraduate studies of the department and if

found fulfilling all the requirements, the final selection will be made by inviting the student for interview.

Doctorate Degree

The minimum qualification will be **M.SC.** in Anatomy or an equivalent degree from any recognized university. The application will be processed by the committee for the postgraduate studies and the final selection will be made after personal interview.

Duration of the courses

M.S. Degree

Duration of the courses for **M.SC.** Degree will be not less than two academic years composed of four semesters. In each semester the student will participate in teaching programs for undergraduate students, register his topics for thesis and initiate research program for its completion under the supervisor.

Evaluation

During his period of study, the student will be assessed at the end of each semester by holding an examination and reviewing his progress in research.

Submission of thesis

The candidate will submit his thesis at the end of first semester of the second year of his studies which will be sent to examiners for approval. If it is approved the candidate will have to appear for a viva in order to defend his thesis successfully. If he fails to succeed in defense he will have to repeat it before becoming eligible for the final examination.

Ph. D. Degree

This duration of the course will not be less than three academic years composed of six semesters. In the first two semesters, the candidate will select topics related to his field of research (minimum of 12 credit hours) along with registration of the title of his research and devote his time entirely for his chosen research during the remaining four semesters.

Evaluation

The candidate will take a comprehensive examination in the subjects selected by him at the end of the first year of the studies.

If he succeeds he will continue with the completion of his thesis which will be submitted for the approval by the examiners during the sixth semester.

On acceptance of thesis he will be called upon for the defense of his thesis at the end of sixth semester.

REGULATIONS FOR THE ADMISSION TO THE M. SC. (ANAT.) COURSE OF KING SAUD UNIVERSITY, RIYADH

ELIGIBILITY

A)	General	General requirement for admission will be governed by the Rules and regulations of King Saud University relating to The admission for higher education.
B)	Educational Pre-requisites	M.B.B.S. or an equivalent degree from any University recognized by King Saud University

EQUIREMENTS

1. Academic qualifications should be accompanied by Transcripts.
2. A brief statement concerning the field of interest and Proposed study
3. The candidate is expected to have a good knowledge of English Language

All applications for admission will be screened by the department committee for graduate studies comprising of four members of the academic staff nominated by the departmental board headed by the chairman.

PERIOD OF STUDY

2 Years
Four semesters
24 Credit Hours

COURSES FOR M.SC. DEGREE

Pre-requisite: **M.B.B.S.**
Duration: Not less than two academic years

FIRST YEAR **Total Credit Hours 24**

SEMESTER 1			**12 CH**
Anat.	501	Morphology (1)	3(1+2)
Anat	502	Morphology (2)	3(1+2).
Anat.	504	Comparative Anatomy	1(1+0)
Anat.	511	Embryology	2(1+1)
Anat.	521	Cell Biology	2(1+1)
Anat.	531	Radiological Anatomy	1(1+0)
			12CH

Internal Assessment for grading

REGISTRATION OF THE TOPIC FOR THE THESIS

SEMESTER 2

Anat.	503	Morphology (3)	4(3+1)
Anat.	505	Neuroanatomy	2(1+1)
Anat.	522	Histology	2(1+1)
Anat.	541	Genetics	1(1+0)
Anat.	551	Clinical Anatomy	3(2+1)
			12CH

Internal Assessment Comprehensive Examination
SECOND YEAR
SEMESTER 1
RESEARCH IN CONNECTION WITH THESIS
SEMESTER 2
COMPLETION OF RESEARCH
SUBMISSION OF THESIS AND DEFENSE

BRIEF STATEMENT OF THE COURSE CONTENTS OF THE MASTERS DEGREE IN ANATOMY

1) **Morphology 1 (Anat. 501)**
   Detailed study of the morphology of the limbs and functional correlation.

2) **Morphology 2 (Anat. 502)**
   Detailed study of thorax and abdomen and pelvis and functional correlation.

3) **Morphology 3 (Anat. 503)**
   Detailed study of morphology of the head and neck and functional correlation.

4) **Neuroanatomy (Anat. 505)**
   Detailed study of the morphology and histology of the central nervous system and its autonomic component.

5) **Clinical Anatomy (Functional Anat. 551)**
   Detailed study of the clinical anatomy and its application for clinical purposes.

6) **Embryology (Anat. 511)**
   Detailed study of general and special Embryology and Etiology of congenital Malformations.

7) **Histology (Anat. 522)**
   Detailed study of the basic tissues of the body systemic histology and routine Histological techniques.

8) **Genetics (Anat. 541)**
   Fundamentals of genetics with awareness of its place in medical practice with Reference to the chromosomal aberration both acquired and inherited.

9) **Comparative Anatomy and Histology of Medicine (Anat. 504)**
   Detailed study of the comparative anatomy of the different systems of body with special reference to the laboratory animals. A short study of the development of medical sciences and research.

10) **Cell Biology (Anat.521)**
    Detailed study of the ultrastructure of the cell and components and their function.

11) **Radiological Anatomy (Anat. 531)**
    Application of knowledge of radiological anatomy for clinical purposes.