

## Master Degree in Human genetics

1713700 - Department of Human Genetics

**Admission Requirements:** Graduate students with a M.B.Ch.B. of Medicine, B.Sc. of Science or Pharmacy.

**Core Courses (26 Cr):** 1713701,1713702,1713703, 1713704, 1713705, 1713706, 1713707,1713708, 1713709, 1713710, 1713711, 1713712,1713713, 1713714,

**Elective Courses (4 Cr):** 1713715,1713716,1713717,1713718,1713719,1713721,1713722, 1713723, 1708720, 1718721, 1713724.

**Thesis: (8 Cr)**

### Core Courses (26 Cr)

Code	Name	Hours/Week		
		Theoretical	Practical	Total Cr
1713701	Basic Human Genetics	3	--	3
1713702	Prevention & Treatment of Genetic Disorders	3	--	3
1713703	Molecular Genetics	2	2	3
1713704	Biochemical Genetics	2	2	3
1713705	Population Genetics	2	--	2
1713706	Special Genetics	2	--	2
1713707	Recent Topics	1	--	1
1713708	Clinical Cytogenetics*	2	2	3
1713709	Clinical Genetics I *	2	2	3
1713710	Clinical Genetics II*	2	2	3
1713711	Cytogenetics **	1	2	2
1713712	Biochemical Genetics I**	2	2	3
1713713	Biochemical Genetics II**	2	2	3
1713714	Genes & Diseases**	1	--	1
		21	10	26

Name	Hours/Week			
	Theoretical	Practical	Total Cr	
<b>Elective courses (4 Cr)</b>				
1713715	Embryology	1	--	1
1713716	Genetics of reproductive disorders	2	--	2
1713717	Genomics I	1	--	1
1713718	Special biochemical genetics	1	2	2
1713719	Special clinical genetics	1	2	2
1713721	Proteomics and bioinformatics	2	--	2
1713722	Pharmacogenetics	2	--	2
1713723	Blood genetic disorders	1	2	2
1708720	Immunology	1	2	2
1718721	Radiodiagnosis	1	2	2
1713724	Genetic epidemiology	2	--	2

\*: Compulsory for Medical students

\*\* : Compulsory for non Medical students