

## Prerequisite for PhD

1713800 - Department of Human Genetics

**Admission requirements:** All students with an MSc in a field relevant to Human Genetics, the student should sit for a supplementary course (15 CH ) and pass a qualifying exam to be eligible to register to PhD in Human Genetics.

**Core courses (6Cr):** 1713821, 1713822

**Elective courses (7Cr):** 1713823, 1713724, 1713825, 1713826

### Core courses (6Cr)

Code	Name	Hours/Week		Total Cr
		Theoretical	Practical	
1713821	Basic Human Genetics	3	--	3
1713822	Basic Molecular Genetics	2	2	3

### Elective courses (7Cr)

1713823	Basic biochemical genetics	2	2	3
1713824	Clinical Genetics	3	2	4
1713825	Special Biochemical Genetics	3	2	4
1713826	Cytogenetics	2	2	3

## Doctor of Philosophy in Human Genetics

1713800 - Department of Human Genetics

**Admission Requirements:** Postgraduate students with a M.Sc. in Human Genetics.

**Core Courses (22 Cr):** 1713801, 1713802, 1713803, 1713804, 1713807, 1713808, 1713810, 1713812, 1713805, 1713806, 1713809, 1713811, 17138013, 17138014, 17138015, 1713816,

**Elective Courses (2 Cr):** 1713817, 1713818, 1713827, 1718821,

**Ph.D. Thesis: (24 Cr).**

### Core Courses (22 Cr)

Code	Name	Hours/ Week		Total Cr
		Theoretical	Practical	
1713801	Advanced Genetics I	2	--	2
1713802	Advanced Genetics II	1	2	2
1713803	Advanced Genetics III	2	-	2
1713804	Clinical Genetic Applications	1	--	1
1713807	Approach to Specific Disorders II	1	2	2
1713808	Approach to Specific Disorders III	2	--	2
1713810	Approach to Specific Disorders V	1	2	2
1713812	Approach to Specific Disorders VII	1	2	2
1713805*	Approach to Clinical Problems	1	--	1
1713806*	Approach to Specific Disorders I	1	2	2
1713809*	Approach to Specific Disorders IV	1	2	2
1713811*	Approach to Specific Disorders VI	1	2	2
1713813**	Advanced biochemical genetics I	1	--	1
1713814**	Advanced biochemical genetics II	1	2	2
1713815**	Genomic Basis of Diseases	1	2	2
1713816**	Approach to Specific Disorders IX	1	2	2
		15	14	22

### Elective courses (2 Cr)

Code	Name	Hours/ Week		Total Cr
		Theoretical	Practical	
1713817	Genomics II	2	--	2
1713818	Special Clinical Genetics	1	2	2
1713827	Embryology	2	--	2
1718821	Radiodiagnosis	1	2	2

\*: compulsory for medical students

\*\* : compulsory for non medical students