

Genetic Counselling

Program

College of Medicine

Master of Genetic Counselling

The goal of this courses-only program is to meet the current and future demand of healthcare system for highly qualified, competent, and culturally sensitive genetic counsellors in Saudi Arabia and in the region. Students graduating from the program will be recognized by the Saudi Commission for Health Specialties (SCHS) as a *Specialist in Genetic Counselling*.

Credit Hours Required for a Master of Master of Genetic Counselling(MGC)

Types of Courses	Compulsory	Elective	Total
Subject	21	-	21
Practicums & Clinical Rotations	15	-	15
Research/Capstone Project	6		6
Clinical Internship	0		0
Total	42	-	42

Subject Courses

Item #	Title	Credits
MGC 501	Topics in Genetic Counselling I	2
MGC 502	Topics in Genetic Counselling II	2
MGC 503	Psychosocial Aspects of Genetic Counselling	2
MGC 504	Genetic Basis of Inherited Disease	2
MGC 505	Cancer Genetic Counselling	2
MGC 509	Introduction to Anatomy & Physiology	2
MGC 515	Genetic Counselling & Islam	2
MGC 518	Introduction to Medical & Population Genetics I	2
MGC 519	Introduction to Medical & Population Genetics II	2
REC 503	Research Methodologies	3

Practicum & Clinical Rotations

Item #	Title	Credits
MGC 506	Biochemical and Newborn Lab Practicum	2
MGC 508	Molecular Genetics Practicum	2
MGC 510	Observational Clinic Rotation	1
MGC 511	Medical Genetics Clinic Practicum	2
MGC 512	Prenatal Clinic Practicum	2
MGC 513	Advanced Medical Genetics Clinic Practicum	2
MGC 514	Ultrasound Clinic Practicum	2
MGC 516	Cytogenetics Laboratory Practicum	2

Research/Capstone Project

Item #	Title	Credits
MGC 601	Research/Capstone Project	6

Clinical Internship

Item #	Title	Credits
MGC 517	Clinical Internship	0
		42

Semester 1

Item #	Title	Credits
MGC 501	Topics in Genetic Counselling I	2
MGC 505	Cancer Genetic Counselling	2
MGC 509	Introduction to Anatomy & Physiology	2
MGC 515	Genetic Counselling & Islam	2
MGC 518	Introduction to Medical & Population Genetics I	2

Semester 2

Item #	Title	Credits
MGC 502	Topics in Genetic Counselling II	2
MGC 510	Observational Clinic Rotation	1
MGC 516	Cytogenetics Laboratory Practicum	2
MGC 519	Introduction to Medical & Population Genetics II	2
REC 503	Research Methodologies	3

Semester Summer

Item #	Title	Credits
MGC 517	Clinical Internship	0

Semester 3

Item #	Title	Credits
MGC 503	Psychosocial Aspects of Genetic Counselling	2
MGC 504	Genetic Basis of Inherited Disease	2
MGC 506	Biochemical and Newborn Lab Practicum	2
MGC 508	Molecular Genetics Practicum	2
MGC 511	Medical Genetics Clinic Practicum	2

Semester 4

Item #	Title	Credits
MGC 512	Prenatal Clinic Practicum	2
MGC 513	Advanced Medical Genetics Clinic Practicum	2
MGC 514	Ultrasound Clinic Practicum	2
MGC 601	Research/Capstone Project	6