

Libyan International University
School of Health and Medical Science
Master of Cytogenetics

Course Code

Course no.	Course title	Course credit
General Courses (6 hours)		
04022212	Laboratory Quality Control	2
04022213	Application of Biostatistics	2
04022214	Research Methodology and Ethics	2
Specialized Courses (18 hours)		
04022201	Human Cytogenetics	2
04022202	Advanced Genetics	2
04022203	Clinical Genetics	2
04022204	Epigenetics and Cancer	2
04022205	Chromosome Biology and Karyotyping	2
04022206	Genetic Counselling	2
04022207	Seminar: Current Topics in Cytogenetics	2
Special topic (6 hours)		
04022112	Teaching Skills	2
04022208	Genetic Engineering	2
04022107	Diagnostic Molecular Techniques	2
04022209	Cell and Tissue Culture	2
04022210	Immunohistochemistry and Microscopy	2
Supporting Course (8 hours)		
04022211	Dissertation	8

Libyan International University
School of Health and Medical Science
Master of Cytogenetics

Teaching Plan (26 +8 Credit hours)

First Semester:

No.	Course no.	Course title	Course credit
1	04022201	Human Cytogenetics	2
2	04022202	Advanced Genetics	2
3	04022212	Laboratory Quality Control	2
4	04022214	Research Methodology and Ethics	2
Total			8

Second Semester:

No.	Course no.	Course title	Course credit
1	04022203	Clinical Genetics	2
2	04022204	Epigenetics and Cancer	2
3	04022205	Chromosome Biology and Karyotyping	2
4	00000000	Special Topic (Elective course available)	2
	04022207	Seminar: Current Topics in Cytogenetics	2
Total			10

Third Semester:

No.	Course no.	Course title	Course credit
1	04022206	Genetic Counselling	2
2	04022213	Application of Biostatistics	2
3	00000000	Special Topic (Elective course available)	2
4	00000000	Special Topic (Elective course available)	2
Total			8

Forth Semester:

No.	Course no.	Course title	Course credit
1	04022211	Dissertation	8
Total			8