

Clinical Embryology & Reproductive Biology

Program

College of Medicine

Master of Biomedical Science

Graduates will be prepared to meet the rising need in the Kingdom of Saudi Arabia and the Gulf region for qualified and well-trained assisted reproductive technology (ART) professionals. Certified by Saudi Commission for Health Specialties (SCHS).

Credit Hours Required for a Master of Biomedical Sciences Embryology & Reproductive Biology (MBS)

Types of Courses	Compulsory	Elective	Total
Core	9	-	9
Subject	15	-	15
Thesis	18	-	18
Free Electives	-	-	-
Total	42	-	42

Core Courses

Item #	Title	Credits
REC 502	Biostatistics	3
REC 503	Research Methodologies	3
REC 504	Biomedical Ethics	3

Subject Courses

Item #	Title	Credits
MBS 500	Basics of Molecular & Cell Biology	3
MBS 527	Practical Molecular Biology	2
MBS 521	Reproductive Biology and Embryology	2
MBS 522	Introduction to Assisted Reproduction	2
MBS 523	Infertility and Reproductive Medicine	2
MBS 524	Semen Analysis and Processing/Andrology	2
MBS 525	Advanced Assisted Reproduction	2

Thesis

Item #	Title	Credits
MBS 600	Thesis A	9
MBS 600	Thesis B	9
		42

Semester 1

Item #	Title	Credits
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REC 502	Biostatistics	3
REC 504	Biomedical Ethics	3
MBS 500	Basics of Molecular & Cell Biology	3
MBS 521	Reproductive Biology and Embryology	2

Semester 2

Item #	Title	Credits
REC 503	Research Methodologies	3
MBS 522	Introduction to Assisted Reproduction	2
MBS 523	Infertility and Reproductive Medicine	2
MBS 524	Semen Analysis and Processing/Andrology	2
MBS 527	Practical Molecular Biology	2

Semester 3

Item #	Title	Credits
MBS 600	Thesis A	9
MBS 525	Advanced Assisted Reproduction	2

Semester 4

Item #	Title	Credits
MBS 600	Thesis B	9