

Molecular & Cell Biology

Program

College of Medicine

MBS

The Graduate Program offers a unique environment of higher education that integrates the research and training capabilities at KFSHRC and Alfaisal University in a distinctive modern educational setting. Potential careers for graduates include the expanding market in molecular medicine, biotechnology, and biomedical research.

Credit Hours Required for a Master of Biomedical Sciences Molecular & Cell 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 501	Topics in Integrated & Systems Biology	3
MBS 502	Methods in Molecular & Cellular Biology	3
MBS 503	Signal Transduction I	3
MBS 505	Advanced Biochemistry	3
	MBS	

Thesis

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

Semester 1

Item #	Title	Credits
REC 502	Biostatistics	3
REC 504	Biomedical Ethics	3
MBS 500	Basics of Molecular & Cell Biology	3
MBS 501	Topics in Integrated & Systems Biology	3

Semester 2

Item #	Title	Credits
REC 503	Research Methodologies	3
MBS 502	Methods in Molecular & Cellular Biology	3
MBS 503	Signal Transduction I	3
MBS 505	Advanced Biochemistry	3

Semester 3

Item #	Title	Credits
MBS 600	Thesis A	9

Semester 4

Item #	Title	Credits
MBS 600	Thesis B	9