

Analytical Biochemistry

Program

College of Medicine

MBS

The program aim is to provide graduates with an understanding of fundamental biological processes at a molecular level; it also contributes to solving of medical problems and drug discovery and disease curing.

Credit Hours Required for a Master of Biomedical Sciences Analytical Biochemistry(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 505	Advanced Biochemistry	3
MBS 551	OMICS Techniques & their Applications	3
MBS 552	Advanced Analytical Biochemistry	3
MBS 553	Analytical Techniques for Clinical Biochemistry	3

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 503	Research Methodologies	3
MBS 500	Basics of Molecular & Cell Biology	3
MBS 505	Advanced Biochemistry	3

Semester 2

Item #	Title	Credits
REC 504	Biomedical Ethics	3
MBS 551	OMICS Techniques & their Applications	3
MBS 552	Advanced Analytical Biochemistry	3
MBS 553	Analytical Techniques for Clinical Biochemistry	3

Semester 3

Item #	Title	Credits
MBS 600	Thesis A	9

Semester 4

Item #	Title	Credits
MBS 600	Thesis B	9