Biotechnology

Program
College of Medicine
MBS

The program includes courses dealing with the advanced techniques of molecular biology, genetic engineering, applications of nanotechnology, and special topics such as nanomedicine and its applications in disease diagnosis, drug formulation, and drug delivery.

Credit Hours Required for a Master of Biomedical Sciences Biotechnology(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
MNT 502	Nanobiotechnology	3
MBS 505	Advanced Biochemistry	3
MBS 541	Analytical Biotechnology	3
MBS 542	Techniques of Biotechnology	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
MNT 502	Nanobiotechnology	3
MBS 541	Analytical Biotechnology	3
MBS 542	Techniques of Biotechnology	3

Semester 3

Item #	Title	Credits
MBS 600	Thesis A	9

Semester 4

Item #	Title	Credits
MBS 600	Thesis B	9