

BS Microbiology Fall 2023

Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 6	MB3312	Introduction to Bioinformatics	2	1
	MB3311	Introduction to Bioinformatics- Lab	1	1
	MB3113	Bacterial Genetics	3	1
	MB3111	Bacterial Genetics-Lab	1	1
	MB3653	Cell & tissue culture	3	1
	MB3642	Pharmaceutical Microbiology	2	1
	MB3641	Pharmaceutical Microbiology-Lab	1	1
	MB3662	Soil Microbiology	2	1
	MB3661	Soil Microbiology-Lab	1	2
	MB3132	Genetic Engineering	2	3
	MB3131	Genetic Engineering-Lab	1	4
Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 7	MB4302	Environmental Biotechnology	2	1
	MB4301	Environmental Biotechnology-Lab	1	1
	MB4503	Molecular Mechanism of Antimicrobial Agent	3	1
	MB4501	Molecular Mechanism of Antimicrobial Agent-Lab	1	1
	MB4512	Applied Microbial Technology	2	1
	MB4511	Applied Microbial Technology-Lab	1	1
	MB4752	Medical Virology	2	1
	MB4751	Medical virology-Lab	1	1
	MB4322	Nano-biotechnology	2	1

	MB4321	Nano-biotechnology-Lab	1	1
	MB4903	(Research Project/Internship)	3	1
Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 8	MB4132	Genetic Engineering	2	1
	MB4142	Genetic Engineering - Lab	2	1
	MB4752	Medical Virology	2	1
	MB4762	Medical Virology - Lab	2	1
	MB4772	Industrial Microbiology	2	1
	MB4771	Industrial Microbiology - Lab	1	1
	MB4322	Nano-Biotechnology	2	1
	MB4321	Nano-Biotechnology - Lab	1	1
	MB4913	Research Project-II	3	1