

BS Microbiology

Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 5	MB3682	Food Microbiology	2	1
	MB3681	Food Microbiology-Lab	1	1
	MB3902	Research Methodology	2	1
	MB3901	Research Methodology-Lab	1	1
	MB3632	Mycology	2	1
	MB3631	Mycology-Lab	1	1
	MB3422	Microbial Anatomy & Physiology	2	1
	MB3421	Microbial Anatomy & Physiology-Lab	1	1
	MB3652	Freshwater Microbiology	2	1
	MB3651	Freshwater Microbiology-Lab	1	1
	MB3733	Clinical Bacteriology	3	1
	MB3731	Clinical Bacteriology-Lab	1	1
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	
	MB3132	Genetic Engineering	2	1
	MB3131	Genetic Engineering-Lab	1	1
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
		Molecular Mechanism of Antimicrobial Agent - Lab	1	1
	MB4501			
	MB4522	Applied Microbial Technology	2	1
	MB4521	Applied Microbial Technology - Lab	1	1
	MB3653	Cell & Tissue Culture	3	1
	MB4903	Research Project-I	3	1
Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 8	MB4132	Genetic Engineering	2	2
	MB4142	Genetic Engineering - Lab	2	2
	MB4752	Medical Virology	2	2
	MB4762	Medical Virology - Lab	2	2
	MB4772	Industrial Microbiology	2	2
	MB4771	Industrial Microbiology - Lab	1	2
	MB4322	Nano-Biotechnology	2	2
	MB4321	Nano-Biotechnology - Lab	1	2
	MB4913	Research Project-II	3	1