

BS Microbiology				
Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 1	ENG110	Functional English	3	1
	NS101	Environmental Science	3	1
	QR101	Quantitative Reasoning-I	3	1
	ICT101	Applications of information and communication technology	2	1
	ICTL101	Applications of information and communication technology Lab	1	1
	MB1602	Fundamentals of Microbiology-I	2	1
	MB1601	Fundamentals of Microbiology-I-Lab	1	1
	MB2522	Cell Biology	2	1
	MB2521	Cell Biology-Lab	1	1
Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 4	MB2743	Epidemiology, Public Health & Bioethics	3	1
	MB2823	Biosafety & Risk Management	3	1
	MB2713	Microbial Taxonomy	3	1
	MB2722	General Virology	2	1
	MB2721	General Virology-Lab	1	1
	MB2522	Cell Biology	2	1
	MB2521	Cell Biology-Lab	1	1
	MB2402	Human Physiology	2	1
	MB2401	Human Physiology-Lab	1	1
Semester	Course Code	Course Title	Credit Hrs	Sections
	MB3682	Food Microbiology	2	1

Semester 5	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
	MB3733	Clinical Bacteriology-Lab	1	1
Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 6	MB3823	Biosafety & Risk Management	3	1
	MB3123	Bacterial Genetics	3	1
	MB3141	Bacterial Genetics - Lab	1	1
	MB3733	Clinical Bacteriology	3	1
	MB3731	Clinical Bacteriology - Lab	1	1
	MB3662	Soil Microbiology	2	1
	MB3661	Soil Microbiology - Lab	1	1
	MB3642	Pharmaceutical Microbiology	2	1
	MB3641	Pharmaceutical Microbiology - Lab	1	1
Semester	Course Code	Course Title	Credit Hrs	Sections
	MB4302	Environmental Biotechnology	2	1

Semester 7	MB4301	Environmental Biotechnology - Lab	1	1
	MB4513	Molecular Mechanism of Antimicrobial Agent	3	1
	MB4511	Molecular Mechanism of Antimicrobial Agent - Lab	1	1
	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