

## BS Microbiology

Semester	Course Code	Course Title	No. of Sections
Semester 1	ENG 110	Functional English	1
	NS 101	Environmental Science	1
	QR 101	Quantitative Reasoning-I	1
	ICT 101	Applications of information and communication technology	1
	ICTL 101	Applications of information and communication technology Lab	1
	MB1602	Fundamentals of Microbiology-I	1
	MB1601	Fundamentals of Microbiology-I-Lab	1
	MB2522	Cell Biology	1
	MB2521	Cell Biology-Lab	1
Semester 3	<b>Course Code</b>	<b>Course Title</b>	<b>No. of Sections</b>
	STS101	Statistics I	1
	SCO201	Sociology	1
	MB2102	General Genetics	1
	MB2101	General Genetics-Lab	1
	MB2623	Introduction to Medical Microbiology	1
	MB2621	Introduction to Medical Microbiology-Lab	1
	ISL101	Islamic Studies	1
Semester 3	<b>Course Code</b>	<b>Course Title</b>	<b>No. of Sections</b>
	MB2743	Epidemiology, Public Health & Bioethics	1
	MB2823	Biosafety & Risk Management	1
	MB2713	Microbial Taxonomy	1

Semester 4	MB2722	General Virology	1
	MB2721	General Virology-Lab	1
	MB2522	Cell Biology	1
	MB2521	Cell Biology-Lab	1
	MB2402	Human Physiology	1
	MB2401	Human Physiology-Lab	1
Semester 5	<b>Course Code</b>	<b>Course Title</b>	<b>No. of Sections</b>
	MB3632	Mycology	1
	MB3631	Mycology - Lab	1
	MB3902	Research Methodology	1
	MB3901	Research Methodology - Lab	1
	MB3422	Microbial Anatomy & Physiology	1
	MB3421	Microbial Anatomy & Physiology - Lab	1
	MB3652	Fresh water Microbiology	1
	MB3651	Fresh water Microbiology - Lab	1
	MB3682	Food Microbiology	1
	MB3681	Food Microbiology - Lab	1
	MB3742	Epidemiology, Public Health & Bioethics	1
	MB3741	Epidemiology, Public Health & Bioethics - Lab	1
	<b>Course Code</b>	<b>Course Title</b>	<b>No. of Sections</b>
MB3823	Biosafety & Risk Management	1	
MB3123	Bacterial Genetics	1	
MB3141	Bacterial Genetics - Lab	1	

Semester 6	MB3733	Clinical Bacteriology	1
	MB3731	Clinical Bacteriology - Lab	1
	MB3662	Soil Microbiology	1
	MB3661	Soil Microbiology - Lab	1
	MB3642	Pharmaceutical Microbiology	1
	MB3641	Pharmaceutical Microbiology - Lab	1
Semester 7	<b>Course Code</b>	<b>Course Title</b>	<b>No. of Sections</b>
	MB4302	Environmental Biotechnology	1
	MB4301	Environmental Biotechnology - Lab	1
	MB4513	Molecular Mechanism of Antimicrobial Agent	1
	MB4511	Molecular Mechanism of Antimicrobial Agent - Lab	1
	MB4522	Applied Microbial Technology	1
	MB4521	Applied Microbial Technology - Lab	1
	MB3653	Cell & Tissue Culture	1
	MB4903	Research Project-I	1
Semester 8	<b>Course Code</b>	<b>Course Title</b>	<b>No. of Sections</b>
	MB4132	Genetic Engineering	2
	MB4142	Genetic Engineering - Lab	2
	MB4752	Medical Virology	2
	MB4762	Medical Virology - Lab	2
	MB4772	Industrial Microbiology	2
	MB4771	Industrial Microbiology - Lab	2
	MB4322	Nano-Biotechnology	2

MB4321	Nano-Biotechnology - Lab	2
MB4913	Research Project-II	1