

BS Microbiology

Sections: AM1		
Course Code	Course Title	Sections
MAT101	Mathematics I	1
ENG101	English I	1
PAK101	Pakistan Studies	1
MB1202	Biochemistry-1	1
MB1201	Biochemistry-1-Lab	1
MBCS1013	Computer Application	1
MB1602	Fundamentals of Microbiology-I	1
MB1601	Fundamentals of Microbiology-I-Lab	1
ENT101	Fundamentals of Entrepreneurship	1

Sections: AM2		
Course Code	Course Title	Sections
ENG102	English-II	1
MB2813	Biodiversity of Plants & Fungi	1
MB1212	Biochemistry-II	1
MB1211	Biochemistry-II-Lab	1
MB1803	Ecology & Ecosystem	1
MB2702	General Immunology	1
MB2701	General Immunology-Lab	1
MB1612	Fundamentals of Microbiology-II	1
MB1611	Fundamentals of Microbiology-II-Lab	1

Semester 1

Semester 2

Sections: AM3		
Course Code	Course Title	Sections
MBMT2023	Mathematics	1
MB2212	Biochemistry-II	1
MB2211	Biochemistry-II-Lab	1
MB2102	General Genetics	1
MB2101	General Genetics-Lab	1
MB2622	Introduction to Medical Microbiology	1
MB2632	Introduction to Medical Microbiology-Lab	1
MB2702	General Immunology	1
MB2701	General Immunology-Lab	1

Sections: AM4, BM4		
Course Code	Course Title	Sections
MB2802	Ecology & Ecosystem	2
MB2801	Ecology & Ecosystem-Lab	2
MB2812	Biodiversity of Plants & Fungi	2
MB2811	Biodiversity of Plants & Fungi-Lab	2
MB2712	Microbial Taxonomy	2
MB2711	Microbial Taxonomy-Lab	2
MB2722	General Virology	2
MB2711	General Virology-Lab	2
MB2402	Human Physiology	2
MB2401	Human Physiology - Lab	2

	MB2522	Cell Biology-I	2
	MB2521	Cell Biology-I-Lab	2
Semester 5	Sections: AM5		
	Course Code	Course Title	Sections
	MB3632	Mycology	1
	MB3631	Mycology-Lab	1
	MB3902	Research Methodology & Skill Enhancement	1
	MB3901	Research Methodology & Skill Enhancement-Lab	1
	MB3682	Food Microbiology	1
	MB3681	Food Microbiology - Lab	1
	MB3742	Epidemiology, Public Health & Bioethics	1
	MB3741	Epidemiology, Public Health & Bioethics - Lab	1
	MB3422	Microbial Anatomy & Physiology	1
	MB3421	Microbial Anatomy & Physiology-Lab	1
	MB3652	Fresh Water Microbiology	1
	MB3651	Fresh Water Microbiology-Lab	1
	Semester 6	Sections: AM6, BM6	
Course Code		Course Title	Sections
MB3823		Biosafety & Risk Management	2
MB3122		Bacterial Genetics	2
MB3142		Bacterial Genetics-Lab	2
MB3732		Clinical Bacteriology	2
MB3741		Clinical Bacteriology-Lab	2

	MB3662	Soil Microbiology	2
	MB3661	Soil Microbiology - Lab	2
	MB3642	Pharmaceutical Microbiology	2
	MB3641	Pharmaceutical Microbiology - Lab	2
Semester 7	Sections: AM7		
	Course Code	Course Title	Sections
	EnvBT1052	Environmental Biotechnology	1
	EnvBT1051	Environmental Biotechnology-Lab	1
	Micro7023	Molecular Mechanism of Antimicrobial Agent	1
	Micro7021	Molecular Mechanism of Antimicrobial Agent-Lab	1
	Micro7012	Applied Microbial Technology	1
	Micro7011	Applied Microbial Technology-Lab	1
	CTissu7012	Cell & Tissue Culture	1
	CTissu7011	Cell & Tissue Culture-Lab	1
	MB4903	Research Project-I	1
Semester 8	Sections: AM8, BM8		
	Course Code	Course Title	Sections
	GenEn8013	Genetic Engineering	2
	GenEn8011	Genetic Engineering-Lab	2
	MedVir8013	Medical Virology	2
	MedVir8011	Medical Virology-Lab	2
	IndsBT7012	Industrial Biotechnology	2
	IndsBT7011	Industrial Biotechnology-Lab	2

Biotec6023	Nano-Biotechnology	2
Biotec6021	Nano-Biotechnology-Lab	2
MB4913	Research Project-II	2