

BS Microbiology

Sections: AM1,BM1		
Course Code	Course Title	Sections
MBHU1013	English I	2
MBHU1023	Pakistan Studies	2
MBHU1033	Islamic Studies	2
MBCS1013	Computer Application	2
MB1602	Fundamentals of Microbiology-I	2
MB1601	Fundamentals of Microbiology-I-Lab	2

Sections: AM2		
Course Code	Course Title	Sections
MBHU1043	English-II	1
MBMT1013	Biostatistics	1
MB1202	Biochemistry-I	1
MB1201	Biochemistry-I-Lab	1
MBHU1053	Sociology	1
MB1612	Fundamentals of Microbiology-II	1
MB1611	Fundamentals of Microbiology-II-Lab	1

Sections: AM3, BM3		
Course Code	Course Title	Sections
MBMT2023	Mathematics	2
MB2212	Biochemistry-II	2
MB2211	Biochemistry-II-Lab	2

Semester	MB2102	General Genetics	2
	MB2101	General Genetics-Lab	2
	MB2622	Introduction to Medical Microbiology	2
	MB2622	Introduction to Medical Microbiology-Lab	2
	MB2702	General Immunology	2
	MB2701	General Immunology-Lab	2
Semester 4	Sections: AM4		
	Course Code	Course Title	Sections
	Ecolo4012	Ecology & Ecosystem	1
	Ecolo4011	Ecology & Ecosystem-Lab	1
	BioDiv4012	Biodiversity of Plants & Fungi	1
	BioDiv4011	Biodiversity of Plants & Fungi-Lab	1
	Micro4012	Microbial Taxonomy	1
	Micro4011	Microbial Taxonomy-Lab	1
	Viro8012	General Virology	1
	Viro8011	General Virology-Lab	1
	CelBio3032	Cell Biology-I	1
	CelBio3031	Cell Biology-I-Lab	1
	Sections: AM5, BM5		
Course Code	Course Title	Sections	
Micro5012	Mycology	1	
Micro5011	Mycology-Lab	1	
ResMth8012	Research Methodology & Skill Enhancement	1	

Semester 5	ResMth8011	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
	Micro5022	Microbial Anatomy & Physiology	1
	Micro5021	Microbial Anatomy & Physiology-Lab	1
	Micro5032	Fresh Water Microbiology	1
	Micro5031	Fresh Water Microbiology-Lab	Lab
Semester 6	Sections: AM6		
	Course Code	Course Title	Category
	BioSaf6013	Biosafety & Risk Management	Foundation
	Micro6012	Bacterial Genetics	Core
	Micro6011	Bacterial Genetics-Lab	Lab
	Micro6024	Clinical Bacteriology	Core
	Micro6024	Clinical Bacteriology-Lab	Lab
	Micro6022	Soil Microbiology	Core
	Micro6021	Soil Microbiology-Lab	Lab
	Epidem6012	Epidemiology, Public Health & Bioethics	Core
	Epidem6011	Epidemiology, Public Health & Bioethics-Lab	Lab
	Sections: AM7		
Course Code	Course Title	Category	
EnvBT1052	Environmental Biotechnology	Core	

Semester 7	EnvBT1051	Environmental Biotechnology-Lab	Lab
	Micro7014	Molecular Mechanism of Antimicrobial Agent	Core
	Micro7014	Molecular Mechanism of Antimicrobial Agent-Lab	Lab
	Micro7012	Applied Microbial Technology	Elective
	Micro7011	Applied Microbial Technology-Lab	Lab
	CTissu7012	Cell & Tissue Culture	Elective
	CTissu7011	Cell & Tissue Culture-Lab	Lab
	MB4903	Research Project-I	Project
Semester 8	Sections: AM8		
	Course Code	Course Title	Category
	GenEn8014	Genetic Engineering	Core
	GenEn8014	Genetic Engineering-Lab	Lab
	MedVir8014	Medical Virology	Core
	MedVir8014	Medical Virology-Lab	Lab
	IndsBT7012	Industrial Biotechnology	Elective
	IndsBT7011	Industrial Biotechnology-Lab	Lab
	Biotec6022	Nano-Biotechnology	Elective
	Biotec6021	Nano-Biotechnology-Lab	Lab
	MB4913	Research Project-II	Research Project