

Jinnah University for Women
Department of Microbiology
Courses Offered for MS Program Batch-2021-2022 (Spring and Fall)

Course Code	Course #	Credit Hour
1st Semester		
Research Methodology	GRC - 5111	3+0
Instrumentation & Techniques	MIC – 5021	3+0
Bioinformatics	MIC – 5031	3+0
Health and Medical Microbiology	MIC - 5041	3+0
2nd Semester		
Advanced Virology	MIC – 5052	3+0
Advanced Molecular Biology	MIC – 5062	3+0
Probiotics	MIC – 5072	3+0
Anaerobic Bacteriology	MIC – 5082	3+0
RESEARCH PROJECT		0+6
Total Credit Hours		30
List of Electives		
Clinical Haematology	MIC – 509X	3+0
Pharmacology & Therapeutics	MIC – 510X	3+0
Applied Environmental Microbiology	MIC – 5112	3+0
Principles of Agronomy	MIC – 512X	3+0
Marine Biotechnology	MIC – 513X	3+0
Food & Industrial Microbiology	MIC – 514X	3+0
Nanobiotechnology	MIC – 515X	3+0
Metagenomics	MIC – 516X	3+0
Inflammation Biology	MIC – 5172	3+0
Applied Biostatistics	MIC – 618X	3+0