

Semester 1

Biostatistics and Computer Applications  
Bioinstrumentation  
Bioenergetics and Molecular Enzymology  
Food and Dairy Microbiology

Semester 2

Microbial Physiology  
Molecular Immunology  
Recent trends in Virology  
Microbial diversity and Extremophiles

Semester 3

Microbial Genetics  
Bioprocess Engineering and Technology  
Enzyme Technology  
Environmental Microbial Technology

Semester 4

Fermentation Technology  
Pharmaceutical Microbiology  
Recombinant DNA Technology  
Bioinformatics, Microbial Genomics and  
Proteomics

# MSc Microbiology Subjects

The MSc Microbiology course covers a wide range of topics in its syllabus to impart learners with an advanced-level understanding of this field. Some of the main topics covered in the MSc Microbiology syllabus include:

Environment Microbiology	Food Microbiology	<b>Bioinformatics</b>
Immunology	Industrial microbiology	Immunochemistry
Parasitology	Virology	Metabolic Engineering
Microbial and Molecular Genetics	Bacteriology	Mycology
Medical Microbiology	Bioanalytical techniques	<b>Biochemistry</b>