

## Curriculum M.Phil Microbiology

Course Code	COURSE TITLE	Crd. Hrs.
Mic 703	Research Methodology	03
Mic 705	Bioremediation and biodegradation	03
Mic 707	Metabolic Engineering and Biofuels	03
Mic 710	Biological Safety and Risk Management	03
Mic 712	Biostatistics and Computation	03
Mic 713	Structural Biology	03
Mic 715	Biosensors	03
Mic 716	Environmental Toxicology	03
Mic 717	Environmental Health	03
Mic 718	Biodegradation of Environmental Pollutants	03
Mic 719	Medical Biochemistry	03
Mic 720	Industrial Biotechnology	03
Mic 721	Biocontrol	03
Mic 722	Environmental Microbiology	03
Mic 723	Principles and Practice in Biosafety	03
Mic 725	Protein Engineering	03
Mic 726	Cell Signaling	03
Mic 802	Bioprocess Technology	03
Mic 803	Advances in Cell and Molecular Biology	03
Mic 804	Recent trends in Molecular Diagnostics	03
Mic 808	Advances in Pharmacogenomics	03
Mic 809	Advances in Molecular Genetics	03
Mic 810	Advances in Protein Chemistry	03
Mic 811	Advances in Bioinformatics	03
Mic 812	Advances in Fermentation Technology	03

Mic 813	Advances in Immunology	03
Mic 815	Regulation of Gene Expression	03
Mic 816	Molecular Evolution	03
Mic 819	Advances in Microbiology	03
Mic 820	Advances in Microbial Genetics	03
Mic 821	Recent trends in Biochemical Engineering	03
Mic 822	Protein Engineering and Enzyme Technology	03
Mic 827	Advances in Biosensor Technologies	03
Mic 828	Forensic Sciences	03
Mic 832	Advances in Recombinant DNA Technology	03
Mic 833	Advances in Proteomics	03
Mic 834	Advances in Genomics	03
Mic 835	Microbial Enzyme Technology	03
Mic 836	Advances in Biochemistry	03
Mic 838	Advances in Vaccine Research	03
Mic 841	Human Molecular Genetics	03
Mic 842	Advances in Immunology and Immunogenetics	03
Mic 843	Molecular Plant Microbes Interaction	03
Mic 844	Molecular Plant Pathology	03
Mic 845	Genomics, Proteomics and Bioinformatics	03
Mic 846	Molecular Virology	03