

Syllabus for Microbiology Master's

Section 1: Subject Knowledge

Please Note: A Total of 40 Questions will be asked, combining the following topics, with the difficulty level commensurate to a Master's Candidate.

Unit I: Bacteriology

Unit II: Environmental microbiology

Unit III: Food and dairy microbiology

Unit IV: Analytical techniques

Unit V: Microbial Physiology

Unit VI: Molecular Biology and RDT

Unit VII: Virology

Unit VIII: General Microbiology

Unit IX: Immunology

Unit X: Microbial genomics and proteomics

Unit XI: Microbial Genetics

Unit XII: Bioinformatics

Unit XIII: Biochemistry

Unit XIV: Bacterial physiology

Section 2: Fundamental Skills

Please Note: A Total of 24 Questions will be asked, combining the following topics, with the difficulty level commensurate to a Master's candidate.

Unit I: Data Analysis

Unit II: Math and Statistics

Unit III: Lab Skills

Unit IV: Reading and Writing

Section 3: Specific Skill Proficiency

This section has multiple skills. You can select the ones you are proficient in from the enrollment form. You can select a maximum of 4 skills.