

Microbiology

Teaching Hours:

	Lectures (Hours)	SGD/ Tutorials/ Intg. learning/ Practical (Hours)	Self directed learning (Hours)	Total (Hours)
Phase II	70	110	10	190

Course Outcome:

(a) Competencies: The undergraduate learner demonstrate:

1. Understanding of role of microbial agents in health and disease
2. Understanding of the immunological mechanisms in health and disease
3. Ability to correlate the natural history, mechanisms and clinical manifestations of infectious diseases as they relate to the properties of microbial agents
4. Knowledge of the principles and application of infection control measures
5. An understanding of the basis of choice of laboratory diagnostic tests and their interpretation, antimicrobial therapy, control and prevention of infectious diseases.

(b) Integration: The teaching should be aligned and integrated horizontally and vertically in organ systems with emphasis on host-microbe-environment interactions and their alterations in disease and clinical correlations so as to provide an overall understanding of the etiological agents, their laboratory diagnosis and prevention.

Examination: At the end of Phase II:

Theory / Written	Theory Total	Practical	Practical Total	Internal Assessment
2 Papers of 100 marks each	200	100	100	100
Mandatory 50% marks separately in theory and practical (practical = practical + viva)			50% combined in theory & practical (not < 40% in each) for eligibility to appear in University Exams	