

**NOTE:** All lectures will be in Room 1200. All small group/lab sessions will be in the 3<sup>rd</sup>-floor small group rooms.

**Week 1:**

08/14 (M) 10:00-11:00 -- Initial Class Session: Introduction to the Course  
08/15 (T) 10:00-11:00 -- Lecture 1: Bacterial Classification, Morphology & Cell Structure  
08/15 (T) 11:00-12:00 -- Lecture 2: Bacterial Metabolism & Growth  
08/18 (F) 08:00-10:00 -- Small Group/Lab 1: Diagnosis of Infectious Disease – General Principles

**Week 2:**

08/21 (M) 09:00-10:00 -- Lecture 3: Bacterial Genetics – Basic Concepts & Gene Expression  
08/21 (M) 10:00-11:00 -- Lecture 4: Bacterial Genetics – Genes, Maintenance & Exchange  
08/25 (F) 08:00-10:00 -- Small Group/Lab 2: Molecular & Serologic Diagnostic Methods

**Week 3:**

08/29 (T) 10:00-11:00 -- Lecture 5: Mechanisms of Bacterial Pathogenesis  
08/29 (T) 11:00-12:00 -- Lecture 6: The Gram-Positive Cocci – I  
08/31 (R) 10:00-11:00 -- Lecture 7: The Gram-Positive Cocci – II  
08/31 (R) 11:00-12:00 -- Lecture 8: The Gram-Positive Bacilli  
09/01 (F) 08:00-10:00 -- Small Group/Lab 3: Laboratory Diagnosis of Bacterial Diseases – Part I

**Week 4:**

**09/09 (F) 08:00-12:00 Examination 1**

**Week 5:**

09/11 (M) 10:00-11:00 -- Lecture 9: The Gram-Negative Cocci & Anaerobic Bacilli  
09/14 (R) 10:00-11:00 -- Lecture 10: The Gram-Negative Aerobic Bacilli  
09/14 (R) 11:00-12:00 -- Lecture 11: Anaerobes, Actinomycetes, Mycobacteria & Mycoplasmas  
09/15 (F) 08:00-10:00 -- Small Group/Lab 4: Laboratory Diagnosis of Bacterial Diseases – Part II

**Week 6:**

09/18 (M) 10:00-11:00 -- Lecture 12: Spirochete, Rickettsial & Chlamydial Pathogens  
09/21 (R) 10:00-11:00 -- Lecture 13: Sterilization, Disinfection & Antisepsis  
09/21 (R) 11:00-12:00 -- Lecture 14: Transmission of Infectious Microbial Diseases  
09/22 (F) 08:00-10:00 -- Small Group/Lab 5: Bacterial Genetics & Antibiotic Resistance

**Week 7:**

09/25 (M) 10:00-11:00 -- Lecture 15: Viral Classification, Structure & Replication - I  
09/26 (T) 10:00-11:00 -- Lecture 16: Viral Classification, Structure & Replication - II

09/29 (F) 08:00-10:00 -- Small Group/Lab 6: Aseptic Practice & Nosocomial Infections

**Week 8:**

10/02 (M) 10:00-11:00 -- Lecture 17: Mechanisms of Viral Pathogenesis

10/03 (T) 10:00-11:00 -- Lecture 18: Papillomaviruses, Polyomaviruses, Adenoviruses & Poxviruses

10/03 (T) 11:00-12:00 -- Lecture 19: Herpesviruses & Picornaviruses

**10/06 (F) 08:00-12:00 Examination 2**

**Week 9:**

10/09 (M) 10:00-11:00 -- Lecture 20: Parvoviruses, Paramyxoviruses, Orthomyxoviruses & Reoviruses

10/12 (R) 10:00-11:00 -- Lecture 21: Rhabdoviruses, Togaviruses & Bunyaviruses

10/12 (R) 11:00-12:00 -- Lecture 22: Hepatitis Viruses, Retroviruses, Miscellaneous Viruses & Prions

10/13 (F) 08:00-10:00 -- Small Group/Lab 7: Laboratory Diagnosis of Viral Diseases

**Week 10:**

10/19 (R) 10:00-11:00 -- Lecture 23: Basic Biology of Fungi

10/19 (R) 11:00-12:00 -- Lecture 24: Superficial, Cutaneous & Subcutaneous Mycoses

10/20 (F) 08:00-09:00 -- Lecture 25: Systemic & Opportunistic Mycoses

10/20 (F) 09:00-10:00 -- Lecture 26: Commensal & Pathogenic Human Microflora

**Week 11:**

10/23 (M) 10:00-11:00 -- Lecture 27: Basic Biology of Parasites

10/24 (T) 08:00-10:00 -- Small Group/Lab 8: Laboratory Diagnosis of Protozoa & Other Parasitic Diseases

10/27 (F) 08:00-12:00 -- Student Presentations on Parasitic Diseases (Group 1)

**Week 12:**

10/30 (M) 1:00-5:00 -- Student Presentations on Parasitic Diseases (Group 2)

10/31 (T) 1:00-5:00 -- Student Presentations on Parasitic Diseases (Group 1)

11/01 (W) 1:00-5:00 -- Student Presentations on Parasitic Diseases (Group 2)

**11/03 (F) 08:00-12:00 Examination 3**