

Master Degree in Diagnostic and Molecular Microbiology

1706700 -Department of Microbiology

Admission Requirements: Graduate Students With a M.B.Ch.B.of Medicine, B.Sc.of Pharmacy, Dentistry, Veterinary, or Science.

Core Courses (26 Cr): 1706701, 1706702, 1706703, 1706704, 1706705,1706706, 1706707, 1706709, 1706710, 1706711, 1706712, 1708720, 1721720.

Elective Courses (4 Cr):1706708, 1706713, 1701720 ,1704720, 1707720, 1710720,1700780, 1709740, 1717720.

M.Sc. Thesis: (8Cr)

Core courses (26Cr)

| Code | Name | Hours/Week | | Total Cr |
|---------|--------------------------------------|-------------|-----------|----------|
| | | Theoretical | Practical | |
| 1706701 | Medical Bacteriology | 4 | -- | 4 |
| 1706702 | Medical Virology | 4 | -- | 4 |
| 1706703 | Medical Mycology | 1 | 2 | 2 |
| 1706704 | Microbial Genetics | 1 | -- | 1 |
| 1706705 | Molecular Diagnostic Microbiology I | 2 | 2 | 3 |
| 1706706 | Molecular Laboratory Techniques I | -- | 2 | 1 |
| 1706707 | Special Topics in microbiology I | 1 | -- | 1 |
| 1706709 | Biosafety & Infection Control | 1 | -- | 1 |
| 1706710 | Microbiology of Antimicrobial Agents | 2 | -- | 2 |
| 1706711 | Microbial Pathogenesis | 1 | -- | 1 |
| 1706712 | Microbiology Laboratory Techniques I | 1 | 2 | 2 |
| 1708720 | Immunology | 1 | 2 | 2 |
| 1721720 | Medical Statistics | 1 | 2 | 2 |
| | | 20 | 12 | 26 |

Elective Courses (4 Cr)

| | | | | |
|---------|-------------------------------------|---|---|---|
| 1706708 | Infectious Diseases | 2 | - | 2 |
| 1706713 | Mycology | 4 | - | 4 |
| 1701720 | Biochemistry | 1 | 2 | 2 |
| 1704720 | Pharmacology | 1 | 2 | 2 |
| 1707720 | Parasitology | 1 | 2 | 2 |
| 1710720 | Pathology | 1 | 2 | 2 |
| 1700780 | Clinical Epidemiology I | 2 | - | 2 |
| 1709740 | Basics in Laboratory Animal Science | 1 | 2 | 2 |
| 1717720 | Chemical Pathology | 1 | 2 | 2 |