

# Doctor of Philosophy in Applied Medical Chemistry

1702800 – Department of Applied Medical Chemistry

**Admission Requirement:** Postgraduate students with a M.Sc. of Applied Medical Chemistry or an equivalent degree of Faculties of Science, Pharmacy, Medicine or High Studies Institutes

**Core Courses (15 Cr):** 1702801, 1702802, 1702803, 1702804, 1702805, 1702806, 1702807, 1720823, 1721823.

**Elective Courses (9 Cr):** 1704820, 1705820, 1706820, 1707820, 1708820, **1703820, 1709820, 1710820**

**Ph.D. Thesis: 24 Cr**

**Core courses (15 Cr)**

| Code                           | Name                         | Hours/Week  |           |           |
|--------------------------------|------------------------------|-------------|-----------|-----------|
|                                |                              | Theoretical | Practical | Total     |
| 1702801                        | Applied medical chemistry IV | 2           | --        | 2         |
| 1702802                        | Applied medical chemistry V  | 2           | --        | 2         |
| 1702803                        | Cancer chemistry III         | 2           | --        | 2         |
| 1702804                        | Molecular biochemistry II    | 2           | --        | 2         |
| 1702805                        | Molecular biochemistry III   | 1           | --        | 1         |
| 1702806                        | Laboratory techniques III    | --          | 2         | 1         |
| 1702807                        | Laboratory techniques IV     | --          | 2         | 1         |
| 1721822                        | Medical statistics           | 1           | 2         | 2         |
| 1720823                        | Computer                     | 1           | 2         | 2         |
|                                |                              | <b>11</b>   | <b>8</b>  | <b>15</b> |
| <b>Elective Courses (9 Cr)</b> |                              |             |           |           |
| 1704820                        | Pharmacology                 | 2           | 2         | 3         |
| 1705820                        | Hematology                   | 2           | 2         | 3         |
| 1706820                        | Bacteriology                 | 2           | 2         | 3         |
| 1707820                        | Parasitology                 | 2           | 2         | 3         |
| 1708820                        | Immunology                   | 2           | 2         | 3         |
| 1703820                        | Physiology                   | 2           | 2         | 3         |
| 1709820                        | Histology & Cell biology     | 2           | 2         | 3         |
| 1710820                        | Pathology                    | 2           | 2         | 3         |