

Master Degree in Radiobiology

1711700- Department of Radiation sciences

Admission Requirements: Graduate students with a M. B. Ch. B of Medicine, B.Sc. of Veterinary, Engineering, science, or Agriculture.

Core courses (18Cr): 1711701, 1711702, 1711703, 1711704, 1711705, 1711706, 1711707, 1711708, 1711709.

Elective courses (12 Cr):

Elective I (4 Cr): 1711710, 1711711, 1711712, 1711713, 1711714.

Elective II (8 Cr): 1701720, 1701721, 1704720, 1721720, 1721721.

M.SC.thesis: (8 Cr)

Core courses (18 Cr)

| Code | Name | Hours/Week | | Total Cr |
|-----------------------------------|-------------------------------|-------------|-----------|-----------|
| | | Theoretical | Practical | |
| 1711701 | Radiation physics | 2 | 2 | 3 |
| 1711702 | Basics of Radiation chemistry | 1 | 2 | 2 |
| 1711703 | Mathematics of radioactivity | 1 | 2 | 2 |
| 1711704 | Basics of Radiobiology | 2 | - | 2 |
| 1711705 | Applied radiation sciences | 2 | - | 2 |
| 1711706 | Waste management | 2 | - | 2 |
| 1711707 | Radiation protection | 1 | 2 | 2 |
| 1711708 | Dose measurements | 1 | 2 | 2 |
| 1711709 | Exposures to radiation | 1 | - | 1 |
| | | 13 | 10 | 18 |
| Elective courses I (4 Cr) | | | | |
| 1711710 | Radiopharmaceuticals | 2 | - | 2 |
| 1711711 | Nuclear medicine | 1 | - | 1 |
| 1711712 | Crisis management | 1 | - | 1 |
| 1711713 | Decontamination | 2 | - | 2 |
| 1711714 | Environmental radiations | 2 | - | 2 |
| Elective courses II (8 Cr) | | | | |
| 1701720 | Biochemistry | 1 | 2 | 2 |
| 1701721 | Molecular biology | 1 | 2 | 2 |
| 1721720 | Medical statistics | 1 | 2 | 2 |
| 1704720 | Pharmacology | 1 | 2 | 2 |
| 1720721 | Computer | 1 | 2 | 2 |