

| First year – First semester   |                                                     |       |             |           |                          |
|-------------------------------|-----------------------------------------------------|-------|-------------|-----------|--------------------------|
| Course code                   | Course name                                         | Hours | Theoretical | Practical | Prerequisite             |
| 0902108                       | Medical Terminology                                 | 3     | 3           | -         | -                        |
| 0304101                       | Biological Sciences (1)                             | 3     | 3           | -         | -                        |
| 0306101                       | General Chemistry (1)                               | 3     | 3           | -         | -                        |
| 0903166                       | Human Body Physics                                  | 3     | 3           | -         | -                        |
| -                             | Elective university requirement                     | 3     | 3           |           |                          |
| -                             | Compulsory University Requirement                   | 3     | 3           | -         | -                        |
| First year – Second semester  |                                                     |       |             |           |                          |
| Course code                   | Course name                                         | Hours | Theoretical | Practical | Prerequisite             |
| 0901102                       | Anatomy                                             | 3     | 3           | -         | -                        |
| -                             | Elective university requirement                     | 3     | 3           | -         | -                        |
| 0903164                       | Radiation Physics/<br>Theoretical                   | 2     | 2           | -         | 0903166                  |
| 0903165                       | Radiation Physics/<br>practical                     | 1     |             | 3         | 0903166<br>Synchronous)  |
| -                             | Compulsory University Requirement                   | 3     | 3           | -         | -                        |
| 0903102                       | Fundamentals of Radiologic Technology               | 2     | 2           | -         | -                        |
| 0901320                       | Epidemiology and Biostatistics                      | 3     | 3           | -         | 0304106                  |
| 0306103                       | General Chemistry (1)/<br>Practical                 | 1     | -           | 3         | 0306101<br>Synchronous)  |
| Second year – First semester  |                                                     |       |             |           |                          |
| Course code                   | Course name                                         | Hours | Theoretical | Practical | Prerequisite             |
| 0901215                       | Human Physiology                                    | 3     | 3           | -         | -                        |
| -                             | Compulsory University Requirement                   | 3     | 3           | -         | -                        |
| -                             | Specialized elective course                         | 3     | 3           | -         | -                        |
| 0903161                       | Physics of Diagnostic Radiology                     | 3     | 3           | -         | 0923164                  |
| 0903230                       | Cross Sectional Anatomy/ Theoretic                  | 2     | 2           | -         | 0901102                  |
| 0903232                       | Cross Sectional Anatomy/ Practical                  | 1     | -           | 3         | 0903230<br>(Synchronous) |
| -                             | Elective university requirement                     | 3     | 3           | -         | -                        |
| Second year – Second semester |                                                     |       |             |           |                          |
| Course code                   | Course name                                         | Hours | Theoretical | Practical | Prerequisite             |
| 0903210                       | Imaging and Radiographic Processing/<br>Theoretical | 2     | 2           | -         | 0903161                  |
| 0903212                       | Imaging and Radiographic Processing/<br>practical   | 1     | -           | 3         | 0903210<br>(Synchronous) |
| 0903214                       | Radiobiology                                        | 3     | 3           | 1         | 0903161                  |
| -                             | Elective university requirement                     | 3     | 3           | -         | -                        |
| 0903320                       | Radiographic Methods (1)/ Theoretical               | 2     | 2           | -         | 0901102                  |

|                                     |                                       |              |                    |                  |                        |
|-------------------------------------|---------------------------------------|--------------|--------------------|------------------|------------------------|
| 0903323                             | Radiographic Methods (1)/ Practical   | 1            | -                  | 3                | 0903320                |
| -                                   | Specialized elective course           | 3            | 3                  | -                | -                      |
| -                                   | Compulsory University Requirement     | 3            | 3                  | -                | -                      |
| <b>Third year – First semester</b>  |                                       |              |                    |                  |                        |
| <b>Course code</b>                  | <b>Course name</b>                    | <b>Hours</b> | <b>Theoretical</b> | <b>Practical</b> | <b>Prerequisite</b>    |
| 0903310                             | Image Quality Control/ Theoretical    | 2            | 2                  | -                | 0903210                |
| 0903314                             | Image Quality Control/ practical      | 1            | -                  | 3                | 0903310<br>Synchronous |
| -                                   | Specialized elective course           | 3            | 3                  | -                | -                      |
| 0903340                             | Radiopharmacology                     | 2            | 2                  | -                | 0903214                |
| 0903329                             | Radiographic Methods (2)/ Theoretical | 2            | 2                  | -                | 0903320                |
| 0903330                             | Radiographic Methods (2)/ practical   | 1            | -                  | 3                | 0903329<br>Synchronous |
| 0903332                             | Computed Tomography (1)               | 3            | 3                  | -                | 0903230                |
| 0903443                             | Principles of Diagnostic Radiology    | 3            | 3                  | -                | 0901102                |
| <b>Third year – Second semester</b> |                                       |              |                    |                  |                        |
| <b>Course code</b>                  | <b>Course name</b>                    | <b>Hours</b> | <b>Theoretical</b> | <b>Practical</b> | <b>Prerequisite</b>    |
| 0903470                             | Internship in Radiography (1          | 3            | -                  | 9                | Credit 90 hours        |
| 0903334                             | Magnetic Resonance Imaging (1)        | 3            | 3                  | -                | 903161                 |
| 0903325                             | Principles of Nuclear Medicine        | 2            | 2                  | -                | 0903161                |
| 0903356                             | Ultrasound Imaging/ Theoretical       | 2            | 2                  | -                | 0903161                |
| 0903357                             | Ultrasound Imaging/ practical         | 1            | -                  | 3                | 0903356<br>Synchronous |
| 0903422                             | Radiographic Methods (3)/ Theoretical | 2            | 2                  | -                | 0903329                |
| 0903425                             | Radiographic Methods (3)/ practical   | 1            | -                  | 3                | 0903422<br>Synchronous |
| -                                   | Elective university requirement       | 3            | 3                  | -                | -                      |
| -                                   | Specialized elective course           | 2            | 2                  | -                | -                      |
| <b>Fourth year – First semester</b> |                                       |              |                    |                  |                        |
| <b>Course code</b>                  | <b>Course name</b>                    | <b>Hours</b> | <b>Theoretical</b> | <b>Practical</b> | <b>Prerequisite</b>    |
| 0903472                             | Internship in Radiography (2          | 3            | -                  | 9                | 0903470                |
| 0903342                             | Digital Imaging                       | 3            | 3                  | -                | 0903210                |
| 0903213                             | Radiation Protection                  | 2            | 2                  | -                | 0903161                |

|                               |                                                  |       |             |           |                        |
|-------------------------------|--------------------------------------------------|-------|-------------|-----------|------------------------|
| 0903432                       | Computed Tomography (2)/ Theoretical             | 2     | 2           | -         | 0903332                |
| 0903434                       | Computed Tomography (2)/ Practical               | 1     | -           | 3         | 0903332<br>Synchronous |
| 0903436                       | Magnetic Resonance Imaging (2)/ Theoretical      | 2     | 2           | -         | 0903334                |
| 0903437                       | Magnetic Resonance Imaging (2)/ Practical        | 1     | -           | 3         | 0903436<br>Synchronous |
| 0903444                       | AngiogramImaging/ Theoretical                    | 2     | 2           | -         | 0903422                |
| Fourth year – Second semester |                                                  |       |             |           |                        |
| Course code                   | Course name                                      | Hours | Theoretical | Practical | Prerequisite           |
| 0903473                       | Internship in Radiography (3)                    | 3     | -           | 9         | 0903472                |
| 0903474                       | Internship in Radiography (4)                    | 3     | -           | 9         | 0903473<br>Synchronous |
| 0903341                       | Quantitative Analysis of Medical Images          | 3     | 3           | -         | Credit 90 hours        |
| 0903448                       | Special Procedures in Medical Imaging/ Practical | 2     | -           | 6         | 0903444                |
| 0903461                       | Ethics in radiography                            | 1     | 1           | -         | -                      |