**Guiding Plan for Radiography 2018**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **First Year** | | | | | | | | | | | | |
| **Second semester** | | | | | |  | **First semester** | | | | | |
| Prerequisite | Weekly Hours | | Credit Hours | Subject Name | Subject Number | Prerequisite | Weekly Hours | | Credit Hours | Subject Name | Subject Number |
| Practical | Theoretical | Practical | Theoretical |
|  | 0 | 3 | 3 | Anatomy | 0901102 | -------- | 0 | 3 | 3 | Medical Terminology | 0902108 |
|  | 0 | 3 | 3 | **University Requirement Optional** | -------- | -------- | 0 | 3 | 3 | Biology (1) | 0304101 |
| 0903166 | 0 | 2 | 2 | Radiation Physics | 0903164 | -------- | 0 | 3 | 3 | General Chemistry (1) | 0306101 |
| 0903164 | 3 | 0 | 1 | Radiation Physics/Lab | 0903165 | -------- | 0 | 3 | 3 | Human Body Physics | 0903166 |
| ---------- | 0 | 3 | 3 | **University Requirement compulsory** | -------- | -------- | 0 | 3 | 3 | **University Requirement compulsory** | ------- |
| ---------- | 0 | 2 | 2 | Fundamentals of Radiologic Technology | 0903102 | -------- | 0 | 3 | 3 | **University Requirement compulsory** | ------- |
| 0304106 | 0 | 3 | 3 | Epidemiology and Biostatistics | 0901320 |  |  |  |  |  |  |
| 0306101 | 3 | 0 | 1 | General Chemistry Lab1 | 0306103 |  |  |  |  |  |  |
| 18 | | | | SUM = | | 18 | | | | SUM = | |
| **Second Year** | | | | | | | | | | | | |
| **Second semester** | | | | | |  | **First semester** | | | | | |
| **Prerequisite** | Weekly Hours | | Credit Hours | Subject Name | Subject Number | **Prerequisite** | Weekly Hours | | Credit Hours | Subject Name | Subject Number |
| Practical | Theoretical | Practical | Theoretical |
| 0903161 | 0 | 2 | 2 | Imaging and Radiographic Processing | 0903210 | --------- | 0 | 3 | 3 | Human Physiology | 0901215 |
| 0903210 | 3 | 0 | 1 | Imaging and Radiographic Processing/Lab | 0903212 | --------- | 0 | 3 | 3 | Specialty Requirement optional | ---------- |
| 0903161 | 0 | 3 | 3 | Radiobiology | 0903214 | --------- | 0 | 3 | 3 | **University Requirement compulsory** | ------- |
| -------- | 0 | 3 | 3 | University Requirement is Optional | -------- | 0903164 | 0 | 3 | 3 | Physics of Diagnostic Radiology | 0903161 |
| 0901102 | 0 | 2 | 2 | Radiographic Methods (1) | 0903320 | 0901102 | 0 | 2 | 2 | Cross Sectional Anatomy. | 0903230 |
| 0903320 | 3 | 0 | 1 | Radiographic Methods (1) /Lab | 0903323 | 0903230 | 3 | 0 | 1 | Cross Sectional Anatomy/Lab | 0903232 |
| -------- | 0 | 3 | 3 | Specialty Requirement  Optional | -------- | --------- | 0 | 3 | 3 | University Requirement is Optional | -------- |
| -------- | 0 | 3 | 3 | University Requirement Compulsory | ----------- |  |  |  |  |  |  |
| 18 | | | | SUM = | | 18 | | | | SUM = | |
| **Third Year** | | | | | | | | | | | | |
| **Second semester** | | | | | |  | **First semester** | | | | | |
| **Prerequisite** | Weekly Hours | | Credit Hours | Subject Name | Subject Number | **Prerequisite** | Weekly Hours | | Credit Hours | Subject Name | Subject Number |
| Practical | Theoretical | Practical | Theoretical |
| 90 c.h | 9 | 0 | 3 | Internship in Radiography (1) | 0903470 | 0903210 | 0 | 2 | 2 | Image Quality Control | 0903310 |
| 0903161 | 0 | 3 | 3 | Magnetic Resonance Imaging(1) | 0903334 | 0903310 | 3 | 0 | 1 | Image Quality Control /Lab | 0903314 |
| 0903161 | 0 | 2 | 2 | Fundamentals of Nuclear Medicine | 0903325 | ---------- | 0 | 3 | 3 | RequirementElective Course | --------- |
| 0903161 | 0 | 2 | 2 | Ultrasound | 0903356 | 0903214 | 0 | 2 | 2 | Radiology Pharmacy | 0903340 |
| 0903356 | 3 | 0 | 1 | Ultrasound / Lab | 0903357 | 0903320 | 0 | 2 | 2 | Radiographic Methods(2) | 0903329 |
| 0903329 | 0 | 2 | 2 | Radiographic Methods (3) | 0903422 | 0903329 | 3 | 0 | 1 | Radiographic Methods (2)/ Lab | 0903330 |
| 0903422 | 3 | 0 | 1 | Radiographic Methods (3)/ Lab | 0903425 | 0903230 | 0 | 3 | 3 | Computed Tomography (1) | 0903332 |
| --------- | 0 | 3 | 3 | University Requirement is Mandatory | ---------- | 0901102 | 0 | 3 | 3 | Principles of Diagnostic Radiology | 0903443 |
| --------- | 0 | 2 | 2 | RequirementElective Course | ---------- |  |  |  |  |  |  |
| 19 | | | | SUM = | | 17 | | | | SUM = | |
| **Fourth Year** | | | | | | | | | | | | |
| **Second semester** | | | | | |  | **First semester** | | | | | |
| **Prerequisite** | Weekly Hours | | Credit Hours | Subject Name | Subject Number | **Prerequisite** | Weekly Hours | | Credit Hours | Subject Name | Subject Number |
| Practical | Theoretical | Practical | Theoretical |
| 0903472 | 9 | 0 | 3 | Internship in Radiography (3) | 0903473 | 0903470 | 9 | 0 | 3 | Internship in Radiography  (2) | 0903472 |
| 0903473 | 9 | 0 | 3 | Internship in Radiography (4) | 0903474 | 0903210 | 0 | 3 | 3 | Digital Imaging | 0903342 |
| 90 c.h | 0 | 3 | 3 | Quantitative Analysis of Medical Images | 0903341 | 0903161 | 0 | 2 | 2 | Radiation Protection | 0903213 |
| 0903444 | 6 | 0 | 2 | Practical Photography Methods | 0903448 | 0903332 | 0 | 2 | 2 | Computed Tomography 2 | 0903432 |
| -------- | 0 | 1 | 1 | Ethics in Radiography | 0903461 | 0903432 | 0 | 0 | 1 | Computed Tomography (2)/Lab | 0903434 |
|  |  |  |  |  |  | 0903334 | 0 | 2 | 2 | Magnetic Resonance Imaging(2) | 0903436 |
|  |  |  |  |  |  | 0903436 | 3 | 0 | 1 | Magnetic Resonance Imaging(2) | 0903437 |
|  |  |  |  |  |  | 0903422 | 0 | 2 | 2 | Vascular Imaging | 0903444 |
| 12 | | | | SUM = | | 16 | | | | SUM = | |