

Faculty of Allied Medical Sciences

Department of technology of Radiographic Imaging

Study Plan for the Bachelor Degree in Technology of Radiographic Imaging

2021 / 2022

First Year

| First Term | | | | |
|--------------|------------------------------|-----------|--------------|-------------|
| Course No. | Course Title | Cr. hrs. | Prerequisite | Corequisite |
| 01101112 | English Language | 3 | 01100012 | |
| 01101111 | Arabic Language | 3 | 01100011 | |
| 11011281 | General Biology | 3 | | |
| 11011282 | General Biology Laboratory | 3 | 11011281 | |
| 11011107 | General Chemistry | 3 | | |
| 11011108 | General chemistry Laboratory | 1 | 11011107 | |
| | University Elective Course | 3 | | |
| Total | | 17 | | |

| Second Term | | | | |
|--------------|---------------------------------|-----------|------------------------|-------------|
| Course No. | Course Title | Cr. hrs. | Prerequisite | Corequisite |
| 12011211 | Anatomy | 3 | 11011281 م | |
| 12011212 | Anatomy Laboratory | 1 | | 12011211 |
| 12011213 | Human Physiology | 3 | 11011282 12011211 م | |
| 12011214 | General Physiology Laboratory | 1 | | 12011213 |
| 11021205 | General Medical Physics | 3 | | |
| 01101101 | Military Sciences | 3 | | |
| 12021211 | Fundamentals of Medical Imaging | 3 | | |
| Total | | 17 | | |

Second Year

| First Term | | | | |
|--------------|---|-----------|--------------|-------------|
| Course No. | Course Title | Cr. hrs. | Prerequisite | Corequisite |
| 12021111 | Radiation Physics | 3 | 11021205 | |
| 01101102 | Civic Education | 3 | 12021111 | |
| 12022112 | Radiographic Film Processing & Exposure | 4 | 12021211 | |
| 12022113 | Radiobiology | 3 | 12011213 | |
| 12022114 | Radiation protection | 2 | 12021111 | |
| | University Elective Course | 3 | | |
| Total | | 18 | | |

| Second Term | | | | |
|-------------|---|----------|--------------|-------------|
| Course No. | Course Title | Cr. hrs. | Prerequisite | Corequisite |
| 12022101 | Computers in Medical Imaging | 1 | | |
| 12022102 | Computers in Medical Imaging Laboratory | 2 | 12022101 | |
| 12022244 | Digital Radiography | 3 | 12022112 | |
| 12022225 | Nuclear Medicine Imaging (1) | 3 | 12021211 | |
| 12022226 | Radiological Imaging Procedures (1) | 3 | 12022112 | 12022244 |
| | Department Elective Course | 3 | | |

| | | | | |
|--|----------------------------|-----------|--|--|
| | University Elective Course | 3 | | |
| | Total | 18 | | |

| Third Year | | | | |
|------------|--------------------------------------|-----------|--------------|-------------|
| First Term | | | | |
| Course No. | Course Title | Cr. hrs. | Prerequisite | Corequisite |
| 12023111 | Quality Control of X-Ray Radiographs | 4 | 12022112 | |
| 12023122 | Radiological Imaging Procedures (2) | 3 | 12022226 | |
| 12023133 | Computerized Tomography (1) | 3 | 12022226م | |
| 12023124 | Nuclear Medicine Imaging (2) | 3 | 12022235 | |
| 12023115 | Methods of Patient Care | 1 | --- | |
| 12012115 | Pathology | 3 | --- | |
| 12011218 | Medical Ethics | 1 | | |
| | Total | 18 | | |

| Second Term | | | | |
|-------------|-------------------------------------|-----------|--------------|-------------|
| Course No. | Course Title | Cr. hrs. | Prerequisite | Corequisite |
| 12023236 | Computerized Tomography (2) | 3 | 12023133 | |
| 12023227 | Radiological Imaging Procedures (3) | 3 | 12023122 | |
| 12023238 | Magnetic Resonance Imaging (1) | 3 | 12023122م | |
| 12024267 | Health Service Management | 1 | | |
| 12012216 | Clinical Psychology | 2 | | |
| | Department Elective Course | 3 | | |
| | University Elective Course | 3 | | |
| | Total | 18 | | |

| Fourth Year | | | | |
|-------------|--------------------------------|-----------|----------------------|-------------|
| First Term | | | | |
| Course No. | Course Title | Cr. hrs. | Prerequisite | Corequisite |
| 12024131 | Cross Sectional Anatomy | 3 | 12023133 12023238 | |
| 12024132 | Magnetic Resonance Imaging (2) | 3 | 12023238 | |
| 12024196 | Medical Imaging Internship (1) | 6 | 12023133 12023227 | |
| | Department Elective Course | 3 | | |
| | Total | 15 | | |

| Second Term | | | | |
|--------------|---|-----------|----------------------------------|-------------|
| Course No. | Course Title | Cr. hrs. | Prerequisite | Corequisite |
| 12024243 | Principles of Radiological Diagnosis | 3 | 12024131 | |
| 12024244 | Quantitative Analysis of Medical images | 3 | 12023133 12023238 12022225 | |
| 12024297 | Medical Imaging Internship (2) | 6 | 12024196 | |
| | Free Course | 3 | | |
| Total | | 15 | | |