

Associate to Bachelor's Program Course Schedule in Radiology

First Semester

No.	Course Code	Course Title	Prerequisite	Credits	Theoretical	Practical	Total
1	2338012	Introduction to Modern Information Technology	-	1	1	2	2
2	2338020	Basic Mathematics	-	2	-	2	2
3	2338015	Pathology	-	2	-	2	2
4	2338018	Physics of Diagnostic Radiology	-	2	-	2	2
5	8155728	Radiobiology and Protection	-	2	-	2	2
6	2338019	Sectional Anatomy	-	3	-	3	3
7	8155717	Dosimetry of Ionizing Radiation	-	2	1	3	3
8	9999999	Physical Education 2	-	-	1	1	1
9	3333333	Islamic Thought 2	-	2	-	2	2

Total Credits: 16 (Theoretical) + 3 (Practical) = 19

Second Semester

No.	Course Code	Course Title	Prerequisite	Credits	Theoretical	Practical	Total
1	2338014	Ultrasound Imaging in Medicine	-	3	-	3	3
2	2338001	Physical Principles, Techniques, and Clinical Aspects of CT Systems	Physics of Diagnostic Radiology, Sectional Anatomy	3	-	3	3
3	2338022	Technical English	-	2	-	2	2
4	2338006	Medical Image Evaluation 1	Pathology	2	-	2	2
5	1111111	Islamic Revolution of Iran	-	2	-	2	2
6	6666666	History of Islam	-	2	-	2	2
7	2338021	Statistics	-	1	-	1	1
8	2338004	Specialized Radiographic Techniques	-	2	-	2	2

Total Credits: 17 (Theoretical) + 0 (Practical) = 17

Third Semester

No.	Course Code	Course Title	Prerequisite	Credits	Theoretical	Practical	Total
1	2338016	Computer Applications in Medical Imaging	Introduction to Modern Information Technology	1	1	2	2
2	2338007	Medical Image Evaluation 2	Sectional Anatomy, Medical Image Evaluation 1	2	-	2	2
3	2338005	Physical Principles, Techniques, and Clinical Aspects of MRI Systems	Sectional Anatomy	3	-	3	3
4	4444444	Thematic Interpretation of the Quran	-	2	-	2	2
5	503000008	Life Skills	-	-	-	-	-
6	2338008	Internship in CT Imaging	-	-	3	3	3
7	2338000	Internship in Specialized Radiographic Techniques	-	-	3	3	3
8	8155719	Hospital Management	-	2	-	2	2

Total Credits: 10 (Theoretical) + 7 (Practical) = 17

Fourth Semester

No.	Course Code	Course Title	Prerequisite	Credits	Theoretical	Practical	Total
1	2338024	Quality Assurance and Quality Control in Imaging Techniques	Physics of Diagnostic Radiology, Ultrasound Imaging, CT Principles, MRI Principles	2	1	3	3
2	2338002	Basic Maintenance and Repair of Radiology Equipment	Physics of Diagnostic Radiology	1.5	0.5	2	2
3	2338011	Seminar	-	-	1	1	1
4	2338009	Internship in MRI Imaging	-	-	3	3	3
5	2338010	Internship in Ultrasound Imaging	-	-	3	3	3
6	7777777	Culture and Civilization of Islam and Iran	-	2	-	2	2
7	1111112	Family and Population Education	-	2	-	2	2

Total Credits: 7.5 (Theoretical) + 8.5 (Practical) = 16

Total Program Credits: 69