

### Basic and specialized courses of discontinuous bachelor's degree in radiology technology

Code	Name	Number of credit	Hour			Prerequisite
			Theoretical	Practical	Total	
01	basic mathematics	2	34	-	34	-
02	Statistics	1	17	-	17	-
03	Professional language	2	34	-	34	-
04	Familiarity with new information technology	2	17	34	51	-
05	Computer application in medical imaging	2	17	34	51	04
06	Hospital management and organizational behavior	2	34	-	34	-
07	Pathology	2	34	-	34	-
08	Physics of diagnostic radiology	2	34	-	34	-
09	Radiobiology	2	34	-	34	-
10	Professional radiographic methods	2	34	-	34	-
11	Cross-sectional anatomy	3	51	-	51	-
12	Medical images evaluation 1	2	34	-	34	07
13	Medical images evaluation 2	2	34	-	34	11,12
14	Dosimetry of ionizing radiation	2	34	34	68	-
15	Imaging with ultrasonic waves	3	51	-	51	-
16	Physical Principles, Techniques and Clinical Aspects of Computed Tomography Systems (CT scan)	3	51	-	51	08,11
17	Physical principles, techniques and clinical aspects of imaging systems (MRI)	3	51	-	51	11

18	Quality assurance and control of medical imaging methods	3	34	34	68	08,15,16,17
19	Preliminary repairs and maintenance of radiology devices	2	26	17	43	08
20	Seminar	1	-	34	34	-
Total		44				

### Internship courses in the field of discontinuous bachelor's degree in radiology technology

Code	Name	Number of credit	Hour		
			Theoretical	Practical	Total
21	Internship in the field 1 (CT scan)	3	-	153	153
22	Internship in the field 2 (MRI)	3	-	153	153
23	Internship in the field 3 (specific radiographic methods)	3	-	153	153
24	Internship in the field 4 (medical ultrasound)	3	-	153	153
Total		12			