

**Months: October and November 2020, Biophysics in Radiology**

Date	Title	Type	n° of classes	Groups		Time	Where?
First week, 05.10. – 9.10.							
09.10.	EMW. Structure of matter. Radioactivity.	Lecture	2	All stud.		14:30-16:00	Moodle
Second week, 12.10. - 16.10.							
16.10.	Interactions of ionizing radiation with matter.	Lecture	2	All stud.		14:30-16:00	Moodle
Third week, 19.10. – 23.10.							
23.10.	Radiation production and detection. Dosimetry. Biological effects of ionizing radiation.	Lecture	2	All stud.		14:30-16:00	Moodle
Fourth week 26.10. – 30.10.							
30.10.	X-ray radiography concepts. CT	Exercise	2	I Group II Group		14:30-15:30 14:30-15:30	Sala 1, IBF Sala 2, IBF
	X-ray radiography concepts. CT	Exercise	2	III Group IV Group		16:00-17:00 16:00-17:00	Sala 1, IBF Sala 2, IBF
Date	Title	Type	n° of classes	Groups		Time	
Fifth week, 02.11. – 06.11.							
06.11.	Diagnostics imaging with ionizing and nonionizing radiation (US, MRI, ... ).	Exercise	2	I Group II Group		14:30-15:30 14:30-15:30	Sala 1, IBF Sala 2, IBF
	Diagnostics imaging with ionizing and nonionizing radiation (US, MRI, ... ).	Exercise	2	III Group IV Group		16:00-17:00 16:00-17:00	Sala 1, IBF Sala 2, IBF
13.11.		Exam	1	All		14:30-15:30	HFA + IBF
27.11.		Exam	1			14:30-15:30	HFA or IBF

IBF –Institute of Biophysics in medicine, HFA – Histophysiological Amphitheater