

ELECTIVE (RADYOLOGY)

1	Course Title:	ELECTIVE (RADYOLOGY)
2	Course Code:	TIP6019
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	6
6	Semester:	11
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	0.00
9	Practice (hour/week):	40.00
10	Laboratory (hour/week):	0
11	Prerequisites:	Being a 6th grade medical school student
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. NAİLE BOLCA TOPAL -TIP
15	Course Lecturers:	Prof. Dr. Müfit Parlak, Prof. Dr. Gürsel Savcı, Prof. Dr. Bahattin HAKYEMEZ, Prof. Dr. Zeynep Yazıcı, Prof.. Dr. Naile Bolca Topal, Doç. Dr. Gökhan Gökalp, Doç Dr.Altan GÜNEŞ, Doç.Dr.Ömer Fatih NAS,Öğr.Üye.Dr.Mehmet Fatih İNECİKLİ
16	Contact information of the Course Coordinator:	Bursa Uludağ Üniversitesi, Tıp Fakültesi, Radyoloji AD Nilüfer, Bursa mparlak@uludag.edu.tr 2953341
17	Website:	http://bilgipaketi.uludag.edu.tr/Ders/IndexENG/1117156
18	Objective of the Course:	Year five medical students those already have completed radiology internship are assumed to be equipped with basic radiology knowledge. The aim of the course is to provide new useful information that may help the medical student particularly in general medicine practice. General knowledge of radiology, selection of appropriate radiological methods, recognition of typical radiological findings of diseases and making differential diagnosis.
19	Contribution of the Course to Professional Development:	Recognize the radiological anatomy. Explain the biological effects of radiation. Explain the side effects of contrast agents used in radiology and plan their treatment. It determines the primary radiological examination according to clinical findings. It distinguishes the radiological images as normal and pathological. Pathological radiological monitoring in basic systems (central nervous system, thorax, cardiovascular system, abdomen, musculoskeletal system, breast, pediatric, obstetric and gynecological) interpret the findings. Pathological radiological monitoring in basic systems (central nervous system, thorax, cardiovascular system, abdomen, musculoskeletal system, breast, pediatric, obstetric and gynecological) explains the findings in cause-effect relationships. Explain the radiological emergencies according to the systems. Associates radiological findings with clinical information.
20	Learning Outcomes:	
	1	Scope and content of Radiology Science
	2	Informing about the limits and performance of radiological methods.

	3	Learning how to perform diagnostic and therapeutic radiology examinations
	4	Learning when and how to use radiologic methods in correct order in clinical practice
	5	Learning how to order a radiological examination
	6	Learning how a radiological examination is reported
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21	Course Content:	
Course Content		
Theoretical		Practice
1 WEEK -Introduction to radiology and basic methods -Computed Tomography (CT) -Magnetic Resonance (MR) -Ultrasonography applications (US) -Thoracic Radiology 2.WEEK - Abdomen Radiology -Musculoskeletal radiology Neuroradiology -Pediatric radiology -Interventional radiology		
22	Textbooks, References and/or Other Materials:	1.Tuncel E. RADYOLOJİYE GİRİŞ- Radyolojik Görüntüler Nasıl Oluşur ve Ne İşe Yarar? (Turkish) 2.Tuncel E. KLİNİK RADYOLOJİ. Bursa: Güneş & Nobel Tıp Kitapevi,1994 (Turkish) 3.Weir J, Abrahams PH. Imaging Atlas of Human Anatomy. 3. Edition. Mosby.2003.
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R
Midterm Exam		0
Quiz		0
Home work-project		1
Final Exam		0
Total		1
Contribution of Term (Year) Learning Activities to Success Grade		100.00
Contribution of Final Exam to Success Grade		0.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Students are evaluated as successful or unsuccessful according to their attendance at the internship.
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	0	0.00	0.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	0	0.00	0.00
Homeworks	30	5.00	150.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	0	0.00	0.00
Total Work Load			150.00
Total work load/ 30 hr			5.00
ECTS Credit of the Course			5.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	3	3	3	3	4	4	3	3	3	3	3	2	0	0	0	0
ÖK2	4	3	3	3	4	5	4	4	4	2	4	3	0	0	0	0
ÖK3	4	3	3	3	4	5	4	4	4	2	4	3	0	0	0	0
ÖK4	4	3	2	3	2	5	5	4	3	2	3	4	0	0	0	0
ÖK5	2	3	4	3	4	5	4	4	4	3	3	3	0	0	0	0
ÖK6	4	3	3	2	5	5	3	5	5	3	3	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							