



Sveučilište u Splitu Medicinski fakultet

Universitas Studiorum Spalatensis Facultas Medica

Šoltanska 2

21000 Split

HRVATSKA

PLAN OF THE COURSE DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY

*Academic year 2025/2026.
October 27- November 13, 2025.*

COURSE COORDINATOR:
izv. prof.dr.sc. Sanja Lovrić Kojundžić

I. LIST OF LECTURERS AND TEACHING STAFF:

	TEACHING STAFF		e-mail	Phone
1.	Zoran Rumboldt	prof. dr. sc.	rumbolz@mussc.edu	095-582-3105
2.	Ivana Štula	prof. dr. sc.	ivanast23@yahoo.com	556-243
3.	Sanja Lovrić Kojundžić	prof. dr. sc.	lovric.sanja@gmail.com	556-091
4.	Tade Tadić	prof. dr. sc.	tade.tadic@st.htnet.hr	556-237

5.	Krešimir Dolić	prof. dr. sc.	kresimir.dolic@st.t-com.hr	556-540
6.	Ljiljana Marčić	doc. dr. sc	ljiljana.marcic@mefst.hr	556-243
7.	Maja Marinović Guić	doc. dr. sc.	maja.marinovic.guic@mefst.hr	556-247
8.	Marija Čavar Borić	dr. sc.	cavar_marija@yahoo.com	556-243
9.	Danijela Budimir Mršić	dr. sc.	danijelabudimir@gmail.com	556-091
10.	Dragan Dragičević	dr.med.	dragandragicevic1@gmail.com	556-243

II. COURSE AIMS

To teach students basic physics algorithms and clinical application of imaging methods in modern diagnostic workup and interventional procedures.

III. COURSE STRUCTURE

Lectures (L): 20 hours

Seminars (S): 12 hours

Practicals (P): 32 hours

Total: 64 hours

III. TEACHING VENUE

Lectures: Large lecture hall Firule and amphitheater PAK

Seminars: Large lecture hall Firule, PAK Amphitheater, Seminar room 102 (Building B), Seminar room 101 (Building B)

Practices: Department of Diagnostic and Interventional Radiology, University Hospital Split (locality Firule and locality Križine).

V. PLAN OF THE COURSE AND COURSE SCHEDULE

<i>MARK</i>	<i>LECTURE</i>	<i>LECTURER</i>	<i>Time (hours)</i>
L 1	Scope of Diagnostic Imaging The Physical Basics of Diagnostic Imaging	prof. dr. sc. Zoran Rumboldt	3
L 2	Imaging of the Brain and Spine	prof. dr. sc. Zoran Rumboldt	3
L 3	Imaging of the Heart and Great Vessels Interventional Radiology	prof. dr. sc. Ivana Štula	2
L 4	Radiology of the Chest	prof. dr. sc. Tade Tadić	3
L 5	Radiology of the Urinary Tract	prof. dr. sc. Krešimir Dolić	2
L 6	Musculoskeletal Imaging Imaging of the Joint	doc. dr. sc. Liljana Marčić	3
L 7	Radiology of the Breast	prof. dr. sc. Tade Tadić	2
L 8	Gastrointestinal Tract Liver, Biliary Tract and Pancreas	dr. sc. Danijela Budimir Mršić	2

Seminars and case base learning

<i>MARK</i>	<i>SEMINARS</i>	<i>LECTURER</i>	<i>Time (hours)</i>
S 1	Imaging of the Brain and Spine	prof. dr. sc. Zoran Rumboldt	3
S 2	Radiology of the Chest	prof. dr. sc. Tade Tadić	3

S 3	Musculoskeletal Imaging	doc. dr. sc. Liljana Marčić	3
S 4	Plain film of the Abdomen Gastrointestinal Tract	dr. sc. Danijela Budimir Mršić	3

<i>MARK</i>	<i>PRACTICALS</i>	<i>LECTURERS AND TEACHING STAFF</i>	<i>Time (hours)</i>
P 1	Imaging of the Brain and Spine Radiology of the Head and Neck	prof. dr. sc. Zoran Rumboldt	4
P 2	Radiographic Anatomy	prof. dr. sc. Sanja Lovrić Kojundžić	4
P 3	Interventional Radiology	prof. dr. sc. Ivana Štula Ivan Ordulj, dr. med.	4
P 4	Color Doppler US Imaging of Vessels	dr. sc. Danijela Budimir Mršić	4
P 5	Torax Breast Imaging	prof. dr. sc. Tade Tadić	4
P 6	Gastrointestinal Tract	doc.dr.sc. Maja Marinović Guić Antonia Bralić, dr. med.	4
P 7	Radiology of the Urinary Tract	prof. dr. sc. Krešimir Dolić	4

P 8	Ultrasound of the Abdomen Musculoskeletal Ultrasound	dr. sc. Marija Ćavar Borić	4
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Week #1

27. October 2025. (Monday)

13:50 - 16:15 **Lecture:** L1 - prof. dr. sc. Z. Rumboldt (**Large lecture hall Firule**)

16:20-19:35 **Practice:** P1 (group 1) - prof. dr. sc. Z. Rumboldt (Department of Diagnostic and Interventional Radiology)
P2 (group 2) - prof. dr. sc. S. Lovrić Kojundžić (Department of Diagnostic and Interventional Radiology)

28. October 2025. (Tuesday)

13:50 - 16:15 **Lecture:** L2 - prof. dr. sc. Z. Rumboldt (**Large lecture hall Firule**)

16:20 - 19:35 **Practice:** P1 (group 2) - prof. dr. sc. Z. Rumboldt (Department of Diagnostic and Interventional Radiology)
P2 (group 1) - prof. dr. sc. Lovrić Kojundžić (Department of Diagnostic and Interventional Radiology)

29. October 2025. (Wednesday)

10.30 - 13:45 P2 (group 3) - prof. dr. sc. S. Lovrić Kojundžić (Department of Diagnostic and Interventional Radiology)

13:50 - 16:15 **Seminars:** S1 (group 1) - prof. dr. sc. Z. Rumboldt (**Large lecture hall Firule**)

16:20 - 19:35 **Practice:** P1 (group 3) - prof. dr. sc. Z. Rumboldt (Department of Diagnostic and Interventional Radiology)

16:20 - 19:35 P2 (group 4) - prof. dr. sc. S. Lovrić Kojundžić (Department of Diagnostic and Interventional Radiology)

30. October 2025. (Thursday)

10:30 - 12:55 **Seminars:** S1 (group 2) - prof. dr. sc. Z. Rumboldt (**PAK-sem3**)

13:45 – 16:15 **Practice** P1 (group 4) - prof. dr. sc. Z. Rumboldt (Department of Diagnostic and Interventional Radiology)

31. October 2025 (Friday)

13:50 - 15:25 **Lecture:** L3 – prof. dr. sc. Ivana Štula (**Amphiteater PAK**)

15:30 - 18:45 **Practice** (Department of Diagnostic and Interventional Radiology, Sem 1-PAK, Sem 2-PAK, Sem 3-PAK)

P3 (group 1) - prof. dr. sc. Ivana Štula

P4 (group 2) - dr. sc. Danijela Budimir Mršić

P5 (group 3) - prof. dr. sc. T. Tadić

P6 (group 4) - Antonia Bralić, dr. med.

Week #2

03. November 2025. (Monday)

13:50 - 16:15 **Lecture:** L4 - prof.dr.sc. Tade Tadić (**Large lecture hall Firule**)

16:20 - 19:35 **Practice:** (Department of Diagnostic and Interventional Radiology Sem 1-PAK, Sem 2-PAK, Sem 3-PAK):

P4 (group 1) - dr. sc. Danijela Budimir Mršić

P5 (group 2) - prof. dr. sc. T. Tadić

P6 (group 3) –Antonija Bralić, dr. med.

P7 (group 4) - prof. dr. sc. Krešimir Dolić

04. November 2025. (Tuesday)

13:50 - 15:25 **Lecture:** L5 – prof.dr.sc Krešimir Dolić (**Large lecture hall Firule**)

15:30 - 18:45 **Practice:** (Department of Diagnostic and Interventional Radiology Sem 1-PAK, Sem 2-PAK, Sem 3-PAK):

P5 (group 1) - prof. dr. sc. T. Tadić

P6 (group 2) - Antonia Bralić, dr. med.

P7 (group 3) - prof. dr. sc. K. Dolić

P8 (group 4) – prof. dr. sc. Ivana Štula

05. November 2025. (Wednesday)

13:50 - 16:15 **Lecture:** L6 - doc. dr. sc. Ljiljana Marčić (**Large lecture hall Firule**)

16:20 - 19:35 **Practice:** (Department of Diagnostic and Interventional Radiology Sem 1-PAK, Sem 2-PAK, Sem 3-PAK):

P3 (group 4) - prof. dr. sc. Ivana Štula

P6 (group 1) – doc. dr. sc. Maja Marinović Guić

P7 (group 2) – prof. dr. sc. K. Dolić

P8 (group 3) - dr. sc. Danijela Budimir Mršić

06. November 2025. (Thursday)

13:50 - 15:25 **Lecture:** L7 - prof. dr. sc. Tade Tadić (**Large lecture hall Firule**)

15:30 - 18:45 **Practice:** (Department of Diagnostic and Interventional Radiology Sem 1-PAK, Sem 2-PAK, Sem 3-PAK):

P3 (group 3) - Ivan Ordulj, dr. med

P4 (group 4) - dr. sc. Danijela Budimir Mršić

P7 (group 1) – prof.dr.sc. K. Dolić

P8 (group 2) - prof. dr. sc. T. Tadić

07. November 2025. (Friday)

13:50 - 15:25 **Lecture:** L8 - dr. sc. D. Budimir Mršić (**Large lecture hall Firule**)

15:30 - 18:45 **Practice:** (Department of Diagnostic and Interventional Radiology Sem 1-PAK, Sem 2-PAK, Sem 3-PAK):

P3 (group 2) – Ivan Ordulj, dr. med

P4 (group 3) - dr. sc. Danijela Budimir Mršić

P5 (group 4) - prof. dr. sc. T. Tadić

P8 (group 1) –doc. dr. sc. Maja Marinović Guić

Week #3

10. November 2025. (Monday)

13:50 - 16:15 **Seminar:** S2 (group 1) - prof. dr. sc. T. Tadić (Large lecture hall Firule)

13:50 - 16:15 **Seminar:** S3 (group 2) – doc. dr. sc. Liljana Marčić (Department of Diagnostic and Interventional Radiology- Library)

16:20 – 18:45 **Seminar:** S2 (group 2) - prof. dr. sc. T. Tadić (Large lecture hall Firule)

16:20 – 18:45 **Seminar:** S3 (group 1) – doc. dr. sc. Liljana Marčić (Department of Diagnostic and Interventional Radiology- Library)

11. November 2025. (Tuesday)

13:50 - 16:15 **Seminar:** S4 (group 2) – dr. sc. Danijela Budimir Mršić (Large lecture hall Firule)

13:50 - 16:15 **Seminar:** S4 (group 1) - dr. sc. Danijela Budimir Mršić (Large lecture hall Firule)

13. November 2025. (Thursday)

9:00 – 10:35 **Written Exam** (Amphiteater PAK, Sem2-PAK)

Oral exam is the same day as the written exam.

V. Course Location:

Lectures and Seminars will be hold at main lecture hall at Clinical hospital Split, PAK and Department of Diagnostic and Interventional Radiology. Practicals will take part in the Department of Diagnostic and Interventional Radiology, Clinical Hospital Split (second floor).

SEE DETAILS ABOVE

VI. EXAMINATION

The exam consists of a written test (80 questions) and an oral exam.

A minimum of 60% correct answers is required to pass the written test.

In oral exam students will be asked about the basic physics of conventional X rays, CT, MRI, US, contrast media and radiation protection. Also, students need to understand imaging algorithms in various disorders, recognize basic pathology on conventional X-rays, recognize basic pathology on CT / MRI / US in various organ systems and demonstrate basic knowledge about image guided minimally invasive procedures.

The attendance is mandatory to all lectures, seminars, and practicals. Students may be absent up to 10% of all teaching modalities.

EXAM DEADLINES

I	II	III	IV
13.11. 2025.			

VII. LIST OF EXAMINERS

1. Prof. d. sc. Sanja Lovrić Kojundžić
2. Prof. d. sc. Ivana Štula
3. Prof. dr. sc. Tade Tadić
4. Prof. dr. sc. Krešimir Dolić

VIII. LITERATURE:

Obligatory: Basic Radiology, Second Edition (LANGE Clinical Medicine) by Michael Chen (Author), Thomas Pope (Author), David Ott (Author)

Optional: Learning Radiology: Recognizing the Basics (With STUDENT CONSULT Online Access), 2e, by William Herring MD (Author)

COURSE COORDINATOR:

Department of Medical Radiology

izv. prof.dr.sc. Sanja Lovrić Kojundžić