

STUDY PROGRAMME CURRICULUM RADIOLOGIC TECHNOLOGY

2025/2026

Name of study programme	Radiologic technology
Programme characteristics	
Type	higher professional
Cycle	bachelor
University of Ljubljana members	Faculty of Health Sciences, Zdravstvena pot 5, 1000 Ljubljana, Slovenija

Year 1, obvezni

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0024825	Biophysics	France Sevšek, Gregor Gomišček	66		24			90	180	6	1st semester	no
2.	0024833	Introduction to research methodology	Matic Kavčič	30		15			45	90	3	1st semester	no
3.	0024827	Applied health studies	Blaž Ivanc	60	30				90	180	6	1st semester	no
4.	0024829	Basics of biomedicine	Irina Milisav Ribarič	40	10	10			60	120	4	1st semester	no
5.	0024824	Anatomy and physiology with pathology	Raja Gošnak Dahmane	70		25			85	180	6	1st semester	no
6.	0024830	The basics of clinical medicine and the first aid	Damjan Slabe	55		20			75	150	5	1st semester	no
7.	0024831	Radiologic technology 1	Mojca Medič	60		25			125	210	7	2nd semester	no

8.	0024826	Diagnostic and interventional radiology methods 1	Mojca Medič	80		85	70		275	510	17	2nd semester	no
9.	0024839	Information technology in radiography	Jelena Ficzkó	30		15			45	90	3	2nd semester	no
10.	0024828	Clinical practice 1	Mojca Medič			20		50	20	90	3	2nd semester	no
Total				491	40	239	70	50	910	1800	60		

Year 2, obvezni

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0024836	Molecular biology and radiobiology	Gregor Serša	50		10			90	150	5	1st semester	no
2.	0024840	Radiophysics and radiation protection	Damijan Škrk	70		15			125	210	7	1st semester	no
3.	0024842	Radiologic technology 2	Nejc Mekiš	50		10			90	150	5	1st semester	no
4.	0600055	Applied statistics	Janez Žibert	20		15			55	90	3	2nd semester	no
5.	0600056	Radiographic anatomy and pathology	Erna Alukić	40	40	10			120	210	7	All-year	no
6.	0600057	Processing of a radiological signal	Janez Žibert	20		15			55	90	3	2nd semester	no
7.	0600058	Diagnostic and interventional radiologic methods 2	Nejc Mekiš	65		30	100	5	250	450	15	All-year	no
8.	0024837	Nuclear medical technology 1	Sebastijan Rep	40		10			100	150	5	2nd semester	no
9.	0024843	Radiotherapeutic technology 1	Valerija Žager Marciuš	65		10			105	180	6	2nd semester	no

10.	0024835	Clinical practice 2	Nejc Mekiš					100	20	120	4	2nd semester	no
		Total		420	40	125	100	105	1010	1800	60		

Year 3, obvezni

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0037781	Elective						90	90	180	6	1st semester	yes
2.	0600063	Nuclear medical technology 2	Sebastijan Rep	60		5	55		210	330	11	All-year	no
3.	0600064	Radiotherapeutic technology 2	Valerija Žager Marciuš	90		35	40		225	390	13	All-year	no
4.	0600065	Diagnostic and interventional radiologic methods 3	Nejc Mekiš	43		15	87		125	270	9	All-year	no
5.	0600066	Clinical practice 3	Valerija Žager Marciuš					75	15	90	3	All-year	no
6.	0600067	The English language competence in radiography	Tina Levec	20		15			55	90	3	1st semester	no
7.	0038002	Elective						180	180	360	12	2nd semester	yes
8.	0024848	Preparation for the diploma exam	Tina Starc			45			45	90	3	2nd semester	no
		Total		213	0	115	182	345	945	1800	60		

IZBIRNI STROKOVNI

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0024812	Diagnostic of and interventional techniques 4	Tina Starc	30		20	20		110	180	6		yes

2.	0038469	Quality assurance in radiography	Mojca Medič	20		25			45	90	3		yes
3.	0024809	Clinical practice – diagnostic and interventional radiography	Mojca Medič					75	15	90	3		yes
4.	0038110	Clinical practice – nuclear medicine	Sebastijan Rep					75	15	90	3		yes
5.	0024810	Clinical practice – radiotherapy	Valerija Žager Marciuš					75	15	90	3		yes
6.	0038471	Clinical practice in radiography	Tina Starc			45		210	75	330	11		yes
7.	0102722	Quality control in general radiography	Nejc Mekiš	10	5	10			65	90	3	2nd semester	yes
8.	0038010	Nuclear medical technology 3	Sebastijan Rep	30		5	20		125	180	6		yes
9.	0643453	The basics of dosimetry and optimization in radiography	Nejc Mekiš	10	10	10			60	90	3	2nd semester	yes
10.	0024817	Fundamentals of Digital Imaging in Radiology	Janez Žibert	10		10			70	90	3		yes
11.	0644458	Basic principles of teranostics in oncology	Alenka Matjašič	15	10	5			60	90	3		yes
12.	0148843	Fundamentals of sonography scanning	Tina Starc	10		25			55	90	3		yes
13.	0024815	Radiotherapeutic technology 3	Valerija Žager Marciuš	30		60			90	180	6		yes
14.	0024816	Introduction to computed tomography	Dejan Žontar	12		12			66	90	3		yes
Total				177	25	227	40	435	866	1770	59		

IZBIRNI SPLOŠNI

	Contact hours	
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	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0038008	English Language	Tina Levec	20		25			45	90	3		yes
2.	0038510	Didactics of education for health	Andreja Kvas	20		25			45	90	3		yes
3.	0038512	Health informatics	Jelena Ficzko	45					45	90	3		yes
4.	0038009	Management in Health Care	Andrej Starc	30		15			45	90	3		yes
5.	0038513	German language	Irena Kuštrin		30	15			45	90	3		yes
6.	0038511	Practicum in computer science	Jelena Ficzko			45			45	90	3		yes
Total				115	30	125	0	0	270	540	18		