



**UNIVERSITA' DEGLI STUDI DI MILANO**  
**PROGRAMME DESCRIPTION - ACADEMIC YEAR 2018/19**  
**BACHELOR**  
**Imaging and Radiotherapy Techniques (Classe L/SNT3)**  
**Enrolled from 2011-12 academic year**

### HEADING

<b>Degree classification - Denomination and code:</b>	L/SNT3 Health professions for technical assistance
<b>Degree title:</b>	Dottore
<b>Length of course:</b>	3 years
<b>Total number of credits required to complete programme:</b>	180
<b>Years of course currently available:</b>	1st , 2nd , 3rd
<b>Access procedures:</b>	Cap on student, student selection based on entrance test
<b>Course code:</b>	D75

### PERSONS/ROLES

#### Head of Interdepartmental Study Programme

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<http://www.unimi.it/studenti/matricole/77598.htm>

<b>1st COURSE YEAR Core/compulsory courses/activities common</b>		
<b>Learning activity</b>	<b>Ects</b>	<b>Sector</b>
Basis of patient care	5	(1) MED/45, (2) MED/17, (2) MED/42
Basis of Physics and Mathematics	5	(3) FIS/07, (2) MAT/05
Conventional radiology: Imaging and techniques	6	(2) MED/50, (2) FIS/07, (2) MED/36
English	2	L-LIN/12
Information Technology	3	ND
laboratory	1	ND
MORPHOLOGICAL AND FUNCTIONAL BASIS OF LIFE	6	(1) BIO/09, (1) BIO/17, (4) BIO/16
pathology and biological basis of life	6	(2) MED/03, (2) MED/04, (1) BIO/10, (1) BIO/13
Psicology, Professional Ethics and Deontology	5	(1) MED/50, (3) M-PSI/01, (1) MED/43
Radiobiology and Radioprotection	6	(2) MED/50, (1) FIS/07, (3) MED/36
Training (first year)	13	MED/50
Total compulsory credits		58
<b>Elective courses</b>		
<b>2nd COURSE YEAR Core/compulsory courses/activities common</b>		
<b>Learning activity</b>	<b>Ects</b>	<b>Sector</b>
Computed Tomography: Techniques	7	(1) MED/50, (1) ING-INF/07, (1) FIS/07, (4) MED/36
Contrast radiology: techniques	6	(1) MED/50, (1)

			MED/45, (2) BIO/14, (2) MED/36
laboratory		1	ND
Magnetic Resonance: Techniques		7	(1) MED/50, (1) ING-INF/07, (1) FIS/07, (4) MED/36
Neuroradiology and Interventional Radiology: Techniques		5	(2) MED/50, (1) MED/37, (1) MED/41, (1) MED/36
Other activities		1	ND
Radiological sciences applied to surgery		6	(1) MED/11, (1) MED/21, (1) MED/33, (1) MED/18, (2) MED/05
Training (second year)		25	MED/50
	Total compulsory credits	58	
<b><i>Elective courses</i></b>			
<b><i>3rd COURSE YEAR Core/compulsory courses/activities common</i></b>			
<b>Learning activity</b>		<b>Ects</b>	<b>Sector</b>
Health care systems organisation, professional values and responsibilities		5	(1) MED/50, (1) IUS/07, (1) SECS- P/10, (2) MED/42
laboratory		1	ND
Methods of experimental and technological research		5	(1) SECS-S/02, (2) ING-INF/05, (1) FIS/07, (1) MED/36
Nuclear Medicine		8	(2) MED/50, (1) ING-INF/07, (1) FIS/07, (3) MED/36, (1) BIO/12
Other activities		2	ND
Radiotherapy		8	(2) MED/50, (1) ING-INF/07, (1) FIS/07, (4) MED/36
Training (third year)		22	MED/50
	Total compulsory credits	51	
<b><i>Elective courses</i></b>			
<b><i>End of course requirements</i></b>			
Final examination		7	NA
	Total compulsory credits	7	