



PHYSICAL AND INDUSTRIAL RISKS

Enrollment year	2019/2020
Academic year	2020/2021
Regulations	DM270
Department	DEPARTMENT OF PUBLIC HEALTH, NEUROSCIENCE, EXPERIMENTAL AND FORENSIC MEDICINE
Course	ENVIRONMENT AND WORKPLACE PREVENTION TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	1st semester (01/10/2020 - 15/01/2021)
ECTS	6
Language	Italian

The activity is split

508879 - ELECTROMAGNETIC FIELDS

503521 - RADIOPROTECTION AND PHYSICAL RISKS

503207 - INDUSTRIAL TOXICOLOGY



ELECTROMAGNETIC FIELDS	
Enrollment year	2019/2020
Academic year	2020/2021
Regulations	DM270
Academic discipline	ING-INF/02 (ELECTROMAGNETIC FIELDS)
Department	DEPARTMENT OF PUBLIC HEALTH, NEUROSCIENCE, EXPERIMENTAL AND FORENSIC MEDICINE
Course	ENVIRONMENT AND WORKPLACE PREVENTION TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	(01/10/2020 - 15/01/2021)
ECTS	2
Lesson hours	16 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	PERREGRINI LUCA (titolare) - 2 ECTS
Prerequisites	
Learning outcomes	
Course contents	
Teaching methods	
Reccomended or required readings	
Assessment methods	
Further information	
Sustainable development	



RADIOPROTECTION AND PHYSICAL RISKS

Enrollment year	2019/2020
Academic year	2020/2021
Regulations	DM270
Academic discipline	MED/36 (DIAGNOSTIC IMAGING AND RADIOTHERAPY)
Department	DEPARTMENT OF PUBLIC HEALTH, NEUROSCIENCE, EXPERIMENTAL AND FORENSIC MEDICINE
Course	ENVIRONMENT AND WORKPLACE PREVENTION TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	(01/10/2020 - 15/01/2021)
ECTS	2
Lesson hours	16 lesson hours
Language	Italian
Activity type	WRITTEN AND ORAL TEST
Teacher	FRIGERIO FRANCESCO - 2 ECTS
Prerequisites	<p>The basic knowledge in mathematics and physics from high school is mandatory.</p> <p>The student should be able to understand the physical equations reported in laws and regulations.</p> <p>Therefore must be able to solve a first grade equation and keep in mind the notion of energy as capacity for doing work.</p>
Learning outcomes	<p>The Italian regulations about, vibration, noise, infrasound and ultrasound are presented.</p> <p>Another section concerns the new Italian regulation of ionizing radiation.</p>
Course contents	<p>Physical risks.</p> <p>Italian regulations for thermal comfort, heat stress and work with video display units.</p> <p>Vibration, noise, infrasound and ultrasound.</p>

	ionizing radiation. Exposure to radon gas
Teaching methods	Classroom lectures and demonstration of hardware and software for measurements
Reccomended or required readings	
Assessment methods	Written examination with possibility of oral The oral is mandatory if the vote of the written test is below 24/30
Further information	In case of ongoing restrictions due to the pandemic, the exams could be limited to oral interview.
Sustainable development goals - Agenda 2030	\$lbl legenda sviluppo sostenibile



UNIVERSITÀ DI PAVIA

Anno Accademico 2020/2021

INDUSTRIAL TOXICOLOGY	
Enrollment year	2019/2020
Academic year	2020/2021
Regulations	DM270
Academic discipline	MED/44 (OCCUPATIONAL MEDICINE)
Department	DEPARTMENT OF PUBLIC HEALTH, NEUROSCIENCE, EXPERIMENTAL AND FORENSIC MEDICINE
Course	ENVIRONMENT AND WORKPLACE PREVENTION TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	(01/10/2020 - 15/01/2021)
ECTS	2
Lesson hours	16 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	NEGRI SARA - 2 ECTS
Prerequisites	
Learning outcomes	
Course contents	
Teaching methods	
Reccomended or required readings	
Assessment methods	
Further information	
Sustainable development	

