



FIRST AID AND PREVENTION

Enrollment year	2019/2020
Academic year	2019/2020
Regulations	DM270
Department	DEPARTMENT OF MOLECULAR MEDICINE
Course	BIOMEDICAL LABORATORY TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	1st semester (01/10/2019 - 24/01/2020)
ECTS	6
Language	Italian

The activity is split

503398 - ANAESTHESIOLOGY

500198 - PHARMACOLOGY

502638 - OCCUPATIONAL MEDICINE

501497 - FORENSIC MEDICINE

503399 - RADIOPROTECTION

503397 - GENERAL, CLINICAL AND PAEDIATRICS NURSING SCIENCE



ANAESTHESIOLOGY	
Enrollment year	2019/2020
Academic year	2019/2020
Regulations	DM270
Academic discipline	MED/41 (ANAESTHESIOLOGY)
Department	DEPARTMENT OF MOLECULAR MEDICINE
Course	BIOMEDICAL LABORATORY TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	1st semester (01/10/2019 - 24/01/2020)
ECTS	1
Lesson hours	8 lesson hours
Language	
Activity type	WRITTEN TEST
Teacher	ZANIERATO MARINELLA - 1 ECTS
Prerequisites	
Learning outcomes	
Course contents	
Teaching methods	
Recommeneded or required readings	
Assessment methods	
Further information	
Sustainable development goals - Agenda 2030	



PHARMACOLOGY

Enrollment year	2019/2020
Academic year	2019/2020
Regulations	DM270
Academic discipline	BIO/14 (PHARMACOLOGY)
Department	DEPARTMENT OF MOLECULAR MEDICINE
Course	BIOMEDICAL LABORATORY TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	1st semester (01/10/2019 - 24/01/2020)
ECTS	1
Lesson hours	8 lesson hours
Language	
Activity type	WRITTEN TEST
Teacher	VAIRETTI MARIAPIA (titolare) - 2 ECTS
Prerequisites	
Learning outcomes	
Course contents	
Teaching methods	
Recommened or required readings	
Assessment methods	
Further information	
Sustainable development goals - Agenda 2030	



UNIVERSITÀ DI PAVIA

Anno Accademico 2019/2020

OCCUPATIONAL MEDICINE	
Enrollment year	2019/2020
Academic year	2019/2020
Regulations	DM270
Academic discipline	MED/44 (OCCUPATIONAL MEDICINE)
Department	DEPARTMENT OF MOLECULAR MEDICINE
Course	BIOMEDICAL LABORATORY TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	1st semester (01/10/2019 - 24/01/2020)
ECTS	1
Lesson hours	8 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	STROSSELLI MAURIZIO - 1 ECTS
Prerequisites	
Learning outcomes	
Course contents	
Teaching methods	
Recommeneded or required readings	
Assessment methods	
Further information	
Sustainable development goals - Agenda 2030	



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Anno Accademico 2019/2020

FORENSIC MEDICINE	
Enrollment year	2019/2020
Academic year	2019/2020
Regulations	DM270
Academic discipline	MED/43 (LEGAL MEDICINE)
Department	DEPARTMENT OF MOLECULAR MEDICINE
Course	BIOMEDICAL LABORATORY TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	1st semester (01/10/2019 - 24/01/2020)
ECTS	1
Lesson hours	8 lesson hours
Language	
Activity type	ORAL TEST
Teacher	FASSINA GIOVANNI - 1 ECTS
Prerequisites	
Learning outcomes	
Course contents	
Teaching methods	
Recommeneded or required readings	
Assessment methods	
Further information	
Sustainable development goals - Agenda 2030	



RADIOPROTECTION	
Enrollment year	2019/2020
Academic year	2019/2020
Regulations	DM270
Academic discipline	MED/36 (DIAGNOSTIC IMAGING AND RADIOTHERAPY)
Department	DEPARTMENT OF MOLECULAR MEDICINE
Course	BIOMEDICAL LABORATORY TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	1st semester (01/10/2019 - 24/01/2020)
ECTS	1
Lesson hours	8 lesson hours
Language	Italian
Activity type	WRITTEN TEST
Teacher	BALLARINI FRANCESCA - 1 ECTS
Prerequisites	The students must have learned the basic Physics concepts explained in the Physics lessons.
Learning outcomes	The students must learn the concept of ionizing radiation and the corresponding quantities; he/she must also learn the basic concepts related to the radiation biological effects and the ICRP recommendations
Course contents	<p>Concept of ionizing radiation, with mention of radiation interaction with matter.</p> <p>Main quantities: activity, exposition, absorbed dose, equivalent dose, effective dose, LET and RBE.</p> <p>Main aspects of the biological effects of ionizing radiation; natural radioactivity and dose limits.</p>

	<p>Contamination types. ICRP and its recommendations. Mention of the devices for radiation detection.</p> <p>Basic radiation protection in different medical activities.</p>
Teaching methods	Lectures with slides and further explanations at the blackboard.
Reccomended or required readings	Elementi di Fisica Biomedica, D Scannicchio e E Giroletti, EdiSES
Assessment methods	Written test with quiz and general questions; possible additional oral exam for the student who passed the written test and want to improve their grade.
Further information	
Sustainable development goals - Agenda 2030	\$lbl_legenda_sviluppo_sostenibile



UNIVERSITÀ DI PAVIA

Anno Accademico 2019/2020

GENERAL, CLINICAL AND PAEDIATRICS NURSING SCIENCE

Enrollment year	2019/2020
Academic year	2019/2020
Regulations	DM270
Academic discipline	MED/45 (GENERAL, CLINICAL AND PEDIATRIC NURSING)
Department	DEPARTMENT OF MOLECULAR MEDICINE
Course	BIOMEDICAL LABORATORY TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	1st semester (01/10/2019 - 24/01/2020)
ECTS	1
Lesson hours	8 lesson hours
Language	
Activity type	WRITTEN TEST
Teacher	TOSI SILVANA - 1 ECTS
Prerequisites	
Learning outcomes	
Course contents	
Teaching methods	
Recommeneded or required readings	
Assessment methods	
Further information	
Sustainable development goals - Agenda 2030	

