



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2022/2023		
BACHELOR'S DEGREE (BSC)	PSYCHIATRIC REHABILITATION TECHNIQUE		
INTEGRATED COURSE	SCIENCE OF PREVENTION AND FORENSIC MEDICINE - INTEGRATED COURSE		
CODE	13171		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/43, MED/42, MED/36		
HEAD PROFESSOR(S)	ARGO ANTONINA	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	ARGO ANTONINA	Professore Ordinario	Univ. di PALERMO
	IMMORDINO PALMIRA	Ricercatore a tempo determinato	Univ. di PALERMO
	PARDO SALVATORE	Ricercatore	Univ. di PALERMO
CREDITS	10		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	2		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<p>ARGO ANTONINA</p> <p>Monday 13:00 14:00 Edificio 9 Plesso di medicina Legale, piano 1 stanza docente. In modalita remoto: stanza teams "Ricevimento studenti", indirizzo: brrybh8</p> <p>Tuesday 13:00 14:00 Medicina legale c/o Farmacologia, stanza docente, Policlinico</p> <p>IMMORDINO PALMIRA</p> <p>Thursday 14:00 16:00 studio del docente presso la sezione di Igiene del dipartimento promise via del vespro, 133 90127 Palermo (policlinico). Si prega di concordare l'appuntamento previa email al docente palmira.immordino@unipa.it</p> <p>PARDO SALVATORE</p> <p>Monday 09:00 11:00 previo appuntamento telefonico</p> <p>Friday 09:00 11:00 Istituto radiologia , previo appuntamento telefonico 3406432558</p>		

DOCENTE: Prof.ssa ANTONINA ARGO

PREREQUISITES	<p>elements of statistics for understanding the Hygiene module.</p> <p>elements of physics, human anatomy and physiology for understanding the medical radiology module</p> <p>elements on the profession of psychiatric rehabilitation technician for understanding the module of Forensic Medicine</p>
LEARNING OUTCOMES	<p>Knowledge and understanding: at the end of the course the students have learned the main epidemiological characteristics of acute and chronic degenerative diseases; the main legal, deontological and ethical rules related to the profession; the principles of radiological diagnostics and the principles of radiation protection.</p> <p>Ability to apply knowledge and understanding: at the end of the course the students will be able to evaluate the risk factors related to the profession, identifying the most appropriate prevention rules; are able to apply the rules governing the professional responsibility of the psychiatric rehabilitation technician.</p> <p>Autonomy of judgment: students will be able to independently evaluate and integrate the information obtained from the literature, they will have the ability to develop logical considerations, which are essential to carry out the work in full autonomy.</p> <p>Communication skills: students will be able to communicate conclusions clearly, will have the ability to relate, while carrying out their work, with other members of the health team.</p> <p>Learning skills: at the end of the lessons, students will be able to update themselves by consulting bibliographic material, databases, etc., also useful for accessing the master's degree, first level masters and other post training activities -lauream</p>
ASSESSMENT METHODS	<p>The candidate will have to answer at least two / three questions posed orally for each module that makes up the integrated course, on all parts of the program, with reference to the recommended texts. The final test aims to assess whether the student has knowledge and understanding of the topics, has acquired interpretative competence and autonomy of judgment of concrete cases.</p> <p>The sufficiency threshold will be reached when the student shows knowledge and understanding of the topics at least in general lines and has minimal applicative skills in order to solve concrete cases; he must equally possess expositive and argumentative skills such as to allow the transmission of his knowledge to the examiner. Below this threshold, the examination will be insufficient. The more, however, the examiner with his argumentative and expository skills manages to interact with the examiner, and the more his knowledge and application skills go into the detail of the discipline being tested, the more the evaluation will be 'positive. The evaluation takes place out of thirty. In detail, the voting will be based on the following principles:</p> <p>Excellent (30-30 honors) - Excellent knowledge of the topics, excellent language properties, good analytical skills, the student is able to apply the knowledge to solve the proposed problems.</p> <p>Very good (26-29) - Good command of the topics, full ownership of language, the student is able to apply the knowledge to solve the proposed problems.</p> <p>Good (24-25) - Basic knowledge of the main topics, fair language properties, with limited ability to autonomously apply the knowledge to the solution of the proposed problems.</p> <p>Satisfactory (21-23) - Does not have full command of the main teaching topics but possesses the knowledge, satisfactory language properties, poor ability to autonomously apply the acquired knowledge.</p> <p>Sufficient (18-20) - Minimum basic knowledge of the main topics of teaching and technical languages, very little or no ability to autonomously apply the acquired knowledge.</p> <p>Insufficient - Does not have an acceptable knowledge of the contents of the topics covered in the teaching</p>
TEACHING METHODS	frontal lessons

MODULE IMAGE DIAGNOSTICS AND RADIOTHERAPY

Prof. SALVATORE PARDO

SUGGESTED BIBLIOGRAPHY

Testi consigliati

Lezioni powerpoint Diagnostica per immagini e radioterapia di Cittadini Giorgio - Cittadini Giuseppe - Sardanelli Francesco
Editore: ECIG Genere: scienze mediche. medicina Argomento: diagnostica medica, radioterapia Edizione: 6 Pagine: 1074
ISBN: 8875441383 ISBN-13: 9788875441388 Data pubblicazione: 2008

AMBIT	10323-Scienze della prevenzione dei servizi sanitari
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Versione inglese

Knowledge and understanding skills Acquisition: 1. of the proper language of the discipline to understand it and to use it appropriately; 2. of techniques and tools in use for each discipline. Ability to apply knowledge and understanding To be able to: 1 identify the principles of the disciplines to use them in their own field but also to make them complementary to other disciplines, with autonomous uses; 2. Know how to choose appropriate semeiotic interventions and the tools needed for the identified clinical or scientific pathway. Judgment autonomy Being able to identify and communicate the elements that characterize the individual disciplines, to move across disciplinary fields that also involve ophthalmic disciplines with pertinence and competence. Communication skills Being able to expose orally how much you learned and clinical and methodological reasoning, even to an unknowingly public. Learning ability To be able to: 1. Consult the scientific literature on hygiene and health education; 2. Increase the knowledge gained in the course to deepen advanced studies 3. Re-train what you learned through the practice of specific techniques.

SYLLABUS

Hrs	Frontal teaching
3	Proprieta' e modalita' di produzione dei raggi X
1	1 Principi di formazione dell'immagine.
2	Mezzi di contrasto: classificazione e caratteristiche; applicazioni cliniche; reazioni avverse e relativi provvedimenti.
3	Interazione tra radiazioni ionizzanti e materia. Azione diretta ed indiretta delle radiazioni ionizzanti.
3	Principi di radioprotezione del lavoratore e del paziente.
3	Cenni di tecniche di studio e definizione di algoritmi diagnostici e semeiotica delle piu' comuni malattie dell'apparato respiratorio
6	Cenni su tecniche di studio e definizione di algoritmi diagnostici e semeiotica delle piu' comuni malattie dell'apparato digerente.
3	Cenni su tecniche di studio e definizione di algoritmi diagnostici e semeiotica delle piu' comuni malattie dell'apparato digerente.
6	X ray, CT, Ultrasonography, MRI Technique

MODULE FORENSIC MEDICINE

Prof.ssa ANTONINA ARGO

SUGGESTED BIBLIOGRAPHY

Zagra M, Argo A. Medicina legale orientata per problemi, 2^a edizione, cap. 1-12. Edra, Milano. ISBN: 978-88-214-4773-0

AMBIT	10333-Scienze della riabilitazione psichiatrica
INDIVIDUAL STUDY (Hrs)	60
COURSE ACTIVITY (Hrs)	40

EDUCATIONAL OBJECTIVES OF THE MODULE

Provide useful information for the proper management of the profession, in particular, our attention is on the ethical duties and the responsibility of 'professional profiles.

SYLLABUS

Hrs	Frontal teaching
40	4 Lessons legal figures, report and report 2 Lessons professional secrecy 4 Lessons consent to medical 4 Lessons professional liability criminal law 4 Lessons professional civil liability 4 Lessons medical records, fraudulent misrepresentation and false material 4 Lessons code of ethics 4 Lessons eligibility 4 Lessons support administrator 2 interdiction Lessons 4 lessons of professional liability profiles in the technical profession of psychiatric rehabilitation

MODULE HYGIENE

Prof.ssa PALMIRA IMMORDINO

SUGGESTED BIBLIOGRAPHY

Igiene, medicina preventiva e salute globale. DATA PUBBLICAZIONE: Gennaio 2022; ISBN: 978-88-299-3245-0; AUTORI: Auxilia - Pontello

AMBIT	10323-Scienze della prevenzione dei servizi sanitari
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Basic knowledge of the principle of statistics and epidemiology (particularly the main types of epidemiological studies) Basic knowledge of primary, secondary and tertiary prevention. Basic knowledge of the infectious diseases primary prevention (Sicilian Regional Immunization schedule, vaccines available, safety, efficacy of vaccines and possible adverse events related to vaccinations) Basic knowledge of chronic degenerative disease prevention (primary, secondary - screening and tertiary - rehabilitation prevention strategies)

SYLLABUS

Hrs	Frontal teaching
3	Principles of statistics, demography and epidemiology
3	Epidemiological studies (observational, case control, cohort, randomized clinical trial, etc...)
3	Primary, secondary and tertiary prevention
3	Prevention, control, elimination and eradication of infectious diseases. Epidemiology, primary and secondary prevention of infectious diseases.
9	Sicilian Regional Immunization schedule. Vaccines available and offered to general population. Safety and efficacy of vaccines and possible adverse events related to vaccinations.
4	Primary and secondary prevention of chronic degenerative diseases (alcohol, smoking, nutrition, physical activity).
3	Secondary prevention of oncological diseases (screening)
2	Tertiary prevention and rehabilitation