



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2021/2022		
BACHELOR'S DEGREE (BSC)	PSYCHIATRIC REHABILITATION TECHNIQUE		
INTEGRATED COURSE	PSYCHIATRIC REHABILITATION AND MEDICAL STATISTICS - INTEGRATED COURSE		
CODE	15143		
MODULES	Yes		
NUMBER OF MODULES	2		
SCIENTIFIC SECTOR(S)	MED/48, MED/01		
HEAD PROFESSOR(S)	LA CASCIA CATERINA	Professore Associato	Univ. di PALERMO
OTHER PROFESSOR(S)	ALMASIO PIER LUIGI	Professore a contratto in quiescenza	Univ. di PALERMO
	LA CASCIA CATERINA	Professore Associato	Univ. di PALERMO
CREDITS	8		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	1		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	ALMASIO PIER LUIGI Monday 8:30 10:30 Piano terra Padiglione Cliniva Medica I LA CASCIA CATERINA Monday 11:00 12:30 via la loggia n.1		

DOCENTE: Prof.ssa CATERINA LA CASCIA

PREREQUISITES	The student must have the skills and knowledge necessary to pass the admission test.
LEARNING OUTCOMES	<ol style="list-style-type: none">1. Knowledge and understanding skills Knowledge and understanding of basic principles, foundations and language in psychiatric, rehabilitative and statistical fields.2. Ability to apply knowledge and understanding Acquiring statistical knowledge in medical and psychiatric rehabilitation and application skills in practical examples and problem solving by demonstrating decision-making autonomy and critical thinking.3. Autonomy of judgment Ability to express their views in relation to acquired knowledge and skills.4. Communicative Skills Ability to express with the appropriate language what they learned.5. Learning Skills Development of the skills of learning, processing and transmission of acquired knowledge.
ASSESSMENT METHODS	<p>The oral examination consists of a colloquium aimed at ensuring the possession of the competences and the disciplinary knowledge provided by the course. The exam will have to answer at least two / three questions for each form submitted orally, covering all parts of the program, with reference to the suggested texts. The rating is thirty-five. The threshold of sufficiency will be achieved when the student shows the knowledge and understanding of the arguments at least in the general lines; They must also have exhibits and arguments that will allow the transmission of their knowledge to the examiner. Below this threshold, the examination will be insufficient. The more that examining will be able to find connections between the subjects of the course independently and be able to go into the details of the discipline being tested, the more the evaluation will be positive.</p> <p>The evaluation is done according to the following grid: A-A + = 30-30 and praise = Excellent = Excellent knowledge of the content of teaching; The student demonstrates high analytical-synthetic ability and is able to apply knowledge to solve problems of high complexity B = 27-29 = Excellent = Excellent knowledge of teaching content and excellent language properties; The student demonstrates analytical-synthetic ability and can apply knowledge to solve problems of medium complexity and, in some cases, also high C = 24-26 = Good = Good knowledge of the content of teaching and good language skills; The student is able to apply knowledge to solve problems of medium complexity D = 21-23 = Discrete = Discreet knowledge of the content of the teaching, in some cases limited to the main topics; Acceptable ability to use the specific language of the discipline and to apply the acquired knowledge independently E = 18-20 = Sufficient = Minimum knowledge of the content of teaching, often limited to the main topics; Modest ability to use the specific language of the discipline and apply the acquired knowledge independently F = 1-17 = Insufficient = Does not have an acceptable knowledge of the main contents of the lesson; Very little or no ability to use the specific language of the discipline and to apply the acquired knowledge independently</p>
TEACHING METHODS	Frontal and practical lessons

**MODULE
MEDICAL STATISTICS**

Prof. PIER LUIGI ALMASIO

SUGGESTED BIBLIOGRAPHY

Triola M.M., Triola M.F., Statistica per le discipline biosanitarie, Pearson.

ISBN: 9788891902580

AMBIT	10318-Scienze propedeutiche
INDIVIDUAL STUDY (Hrs)	60
COURSE ACTIVITY (Hrs)	40

EDUCATIONAL OBJECTIVES OF THE MODULE

The course aims to introduce the statistical methodology by addressing the knowledge of the kind of problems most frequently encountered in medical and dietary literature. The training course is aimed at understanding the design of the study and the statistical analysis of the data that it generates. The student, introduced to the basic concepts of descriptive and inferential statistics, will be able to perform and interpret simple hypothesis tests, calculate simple occurrence and risk measures.

SYLLABUS

Hrs	Frontal teaching
2	Elementary concepts: qualitative and quantitative statistical characters. Discrete and continuous characters. Character classification according to scale: nominal, ordinal, interval, at relationships
4	Presentation of data: Statistical distributions and graphic representations
2	Central trend measures and variability
2	Measures of occurrence: prevalence and incidence
4	Observational Studies and Experimental Studies
2	Probability Calculation Elements. Bayes theorem. Accuracy of diagnostic tests
2	Theoretical distributions: Normal and Binomial
4	Central limit theorem. Sample and sample rate distributions
2	Stima statistica della media e della frequenza. Intervalli di confidenza
2	Testing media and frequency hypotheses. P-value and power of the statistical test
2	Risk Measures: Odds Ratio and Relative Risk, with confidence intervals
Hrs	Practice
4	Central trend and variability measures
4	Probability calculation. Calculation of sensitivity, specificity and positive and negative predictive power
4	Confidence intervals and probabilities of average and frequency hypotheses

MODULE
ELEMENTS AND TENETS OF PSYCHIATRIC REHABILITATION

Prof.ssa CATERINA LA CASCIA

SUGGESTED BIBLIOGRAPHY

Liberman R.P., Il recovery dalla disabilita, Fioriti Editore, Roma, 2012. ISBN: 9788895930329, 8895930320
Dispense e materiale forniti dal docente

AMBIT	10333-Scienze della riabilitazione psichiatrica
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INDIVIDUAL STUDY (Hrs)	60
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COURSE ACTIVITY (Hrs)	40
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EDUCATIONAL OBJECTIVES OF THE MODULE

Acquisition of the basic concepts di physical and mental disability.
knowledge of issues, values and main theories of psychiatric rehabilitation and of theories about groups and famliy.

SYLLABUS

Hrs	Frontal teaching
3	introduction to psychiatric rehabilitation
3	History of physical and mental disability
6	Mental health & psychiatric rehabilitation, disablement, disability & handicap, values and aims psychiatric rehabilitation
9	theories about group and family
10	recovery and psychiatric rehabilitation
9	Liberman theory