



ADVANCED MEDICAL STATISTICS

Enrollment year	2020/2021
Academic year	2020/2021
Regulations	DM270
Academic discipline	MED/01 (MEDICAL STATISTICS)
Department	DEPARTMENT OF PUBLIC HEALTH, NEUROSCIENCE, EXPERIMENTAL AND FORENSIC MEDICINE
Course	NURSING AND MIDWIFERY SCIENCES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	(16/11/2020 - 05/02/2021)
ECTS	2
Lesson hours	16 lesson hours
Language	Italian
Activity type	WRITTEN TEST
Teacher	MONTOMOLI CRISTINA (titolare) - 2 ECTS
Prerequisites	Basic concepts of descriptive and inferential statistics
Learning outcomes	The content of an article or a study published in a scientific journal is not always easy to understand and the validity of the findings and conclusions not easy to determine . The course aims to provide the basic elements for the critical reading of a scientific paper, in reference to statistical data analysis and interpretation of results.
Course contents	At the end of the course students will have learned the skills necessary to critically interpret the type of study design and the statistical analysis of a study, to read and interpret charts, graphs and results of the statistical methods used.
Teaching methods	Lectures and practical exercises about reading articles published in

	scientific literature in the field of nursing and midwives sciences.
Reccomended or required readings	Bowers, House, Owens COME LEGGERE E CAPIRE UNO STUDIO CLINICO, Cortina
Assessment methods	Written exam with open questions about a study published in the scientific literature (which will be distributed to the student). The student must demonstrate that he/she is able to critically understand the study , particularly as concerns the study design, the kind of statistical analysis and the interpretation of the results to correctly communicate the evidence from the results obtained.
Further information	The teacher meets students by appointment at the Dip.to Sanità Pubblica, Medicina Sperimentale e Forense, U.O. di Biostatistica e Epidemiologia Clinica, Via Forlanini 2, e-mail: cristina.montomoli@unipv.it
Sustainable development goals - Agenda 2030	\$lbl legenda sviluppo sostenibile