

COURSE OF STUDY: *Medicina e Chirurgia*

ACADEMIC YEAR 2024-2025

INTEGRATED COURSE: *SCIENZE UMANE*

ACADEMIC SUBJECT:

-*EPIDEMIOLOGY (1CFU)*

-*BIOETHICS AND PATIENT SAFETY (1CFU)*

-*MEDICAL AND MORAL PHILOSOPHY (1CFU)*

-*HISTORY OF MEDICINE (1CFU)*

CANELE AK

General information TEACHING NAME: Epidemiology (Epidemiology) - 1 CFU	
Year of the course	2 th year
Academic calendar (starting and ending date)	1 st semester
Credits (CFU/ETCS):	1
SSD	MED/42
Language	Italian
Mode of attendance	Mandatory

Professor/ Lecturer			
Name and Surname	Maria Chironna		
E-mail	maria.chironna@uniba.it		
Telephone	0805478473		
Department and address	Palazzo degli Istituti Biologici, Policlinico, 3rd Floor		
Virtual room	Teams platform, refers to: maria.chironna@uniba.it		
Office Hours (and modalities: e.g., by appointment, on line, etc.)	By appointment to be arranged by email		
Work schedule			
Hours			
Total	Lectures	Hands-on (laboratory, workshops, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
25	10		15
CFU/ETCS			
1			

Learning Objectives	The purpose of the training activity is to provide future physicians with the basic elements of descriptive, analytical and experimental epidemiology; to know how to use the main measures of frequency of disease or health events and exposures to risk factors and protective factors; to know and know how to use the main measures of disease risk
Course prerequisites	No previous knowledge required

Teaching strategies	The teaching of Epidemiology is developed in lectures given by the official lecturer on the program topic and through the use of multimedia material
Expected learning outcomes in terms of	- Knowledge and ability to understand the fundamentals of epidemiology and main epidemiological studies, main stages of experimental studies;



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Knowledge and understanding on:	<ul style="list-style-type: none"> - Ability to apply knowledge in identifying the correct methods of descriptive, analytical and experimental epidemiology, know how to use the most appropriate type of study for diseases; - Development of critical and independent judgment skills on epidemiology and the limitations and advantages of epidemiological studies; - Development of communication skills with regard to clarity and accuracy of information and arguments in epidemiology; - Ability to independently learn the sequence of epidemiological studies needed to study health events and diseases;
Content knowledge	<p>Epidemiology History of epidemiology. Definitions, purposes and methodology of epidemiology. Descriptive epidemiology. Demographic indicators; censuses; sample surveys. Data sources; data collection, analysis and representation techniques. Frequency measures; crude, specific and standardized rates; study of mortality; infant mortality; health indicators; setting up and conducting a descriptive study. Analytic epidemiology. Cohort studies; case-control studies; measures of association and impact (Relative Risk, Odds Ratio, Attributable Risk). Experimental studies. Evaluation of interventions; measurement of intervention effectiveness. Evaluating a test. Sensitivity, specificity, predictive value.</p>
Texts and readings	S. Barbuti, G.M. Fara, G. Giammanco. Igiene, Medicina Preventiva e Sanità Pubblica. Edises Università 2022
Notes, additional materials	
Repository	Provided directly to students PDFs of all lectures; Department E-Learning System
Assessment	
Assessment methods	The exam consists of an oral examination on the course content through the administration of questions covering the course syllabus



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Assessment criteria	Knowledge and understanding skills: <ul style="list-style-type: none">• The student should be able to provide the main definitions of terms peculiar to epidemiological methodology• The student must be able to state the main frequency measures in descriptive epidemiology• The student must be able to describe studies in analytical epidemiology• The student must be able to describe the phases of an experimental study
Final exam and grading criteria	The final grade is given in thirtieths. The exam is considered passed when the grade is greater than or equal to 18 All examination questions contribute proportionally to the formulation of the final grade. The final grade achieved in the Epidemiology Course, of which this course is a part, will be represented by the average of its four parts.
Further information	

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General information	
TEACHING NAME: History of Medicine – 1 CFU	
Year of the course	<i>II Year</i>
Academic calendar	<i>I semester</i>
Credits (CFU/ETCS):	<i>1 CFU</i>
SSD	<i>MED/02</i>
Language	<i>Italian</i>
Mode of attendance	<i>Mandatory</i>

Professor/ Lecturer	
Name and Surname	<i>Maria Grazia Albano</i>
Email	<i>mariagrazia.albano@uniba.it</i>
Telephone	
Department and address	<i>DIM-Semeiotica Medica</i>
Virtual room	<i>Teams platform</i>
Office Hours	<i>By appointment to be arranged by email</i>

Work schedule			
Hours			
Total	Lectures	Hands-on (laboratory, workshops, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
<i>25</i>	<i>10</i>	<i>0</i>	<i>15</i>
CFU/ETCS			
<i>1</i>			

Learning Objectives
<p>Illustrate the contents and evolution of medical thought and practice over time. Illustrate the different approaches to illness, pain and death over the centuries. Describe the evolution of medical teaching from Greek times to today.</p> <p>Furthermore, with regards to Professional Values, Skills, Behavior and Ethics the course will develop the ability of (4) Recognizing that good medical practice strictly depends on the interaction and good relationships between doctor, patient and family, in order to safeguard well-being, cultural diversity and autonomy of the patient.</p>



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	Regarding Communication Skills the course will develop (5) basic skills in teaching others and a (6) good sensitivity towards cultural and personal factors that improve interactions with patients and the community.
Course prerequisites	No prior knowledge is required
Teaching strategies	Lectures, projection of multimedia material
Expected learning outcomes in terms of Knowledge and understanding on:	At the end of the course the student will be able to: Illustrate the contents and the evolution of medical thought and practice over time. Illustrate the evolution of the concept of health. Illustrate the different approaches to illness, pain and death over the centuries. Describe the evolution of medical teaching from Greek times to today. Describe the approach adopted in Patient Education.
Content knowledge	The Medical Humanities: why are they present during medical studies The sources of the history of medicine The evolution of the concepts of health and disease Ancient Greek and Roman medicine, the places of care and the teaching of medicine in the Greek and Roman world. Medicine, places of care, doctors, pain, death, diseases, discoveries and teaching of medicine in the Middle Ages, in the Renaissance, in the 17th, 18th, 19th and 20th centuries. Women in medicine in the 19th and 20th centuries. Therapeutic Patient Education (TPE) and other forms of education in the field of Health. Adherence to treatment - the therapeutic alliance. The course presents <i>hints on Medicine in art</i> (especially in painting: illness in paintings and famous sick painters) from different historical periods.
Texts and readings	http://fr.slideshare.net/trapanimartino/-la-formazione-medica-fino-alla-tabella-xviii . V. Cagli http://fr.slideshare.net/trapanimartino/-la-formazione-medica-fino-dalla-tabella-xviii-ai-nostri-giorni . F.Dammacco, G. Danieli



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Notes, additional materials	
Repository	Available on Teams
Assessmen	
Assessment methods	The exam consists in taking a written test with multiple choice questions and open questions on the contents of the program actually carried out, through which individual preparation will be assessed.
Assessment criteria	<ul style="list-style-type: none">• Knowledge and understanding: Good knowledge of the contents of the history of the evolution of medical thought and practice over time. Good knowledge of the evolution of the concept of health and the different approaches to illness, pain and death over the centuries. Good knowledge of the evolution of medical teaching from Greek time to today. Good knowledge of the approach adopted in patient education.
Final exam and grading criteria	<p>The final grade is awarded out of thirty. The exam is considered passed when the grade is greater than or equal to 18. The written test will consist of multiple choice questions (one point will be awarded for each correct answer and 0 for each incorrect answer) and short open questions. The written test will consist of an additional question which will allow the awarding of honours (lode).</p> <p>The final grade achieved in the Human Sciences Course, of which the course in question is part, will be represented by the average of the four parts that compose it.</p>
Further information	

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-*HISTORY OF MEDICINE (1CFU)*

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General information	
TEACHING NAME: Moral Philosophy and Medicine – 1 CFU	
Year of the course	II
Academic calendar (starting and ending date)	
Credits (CFU/ETCS):	1 CFU
SSD	MFIL/03
Language	italian
Mode of attendance	obligatory

Professor/ Lecturer	
Name and Surname	Maria Benedetta Saponaro
E-mail	mariabenedetta.saponaro@uniba.it
Telephone	
Department and address	Ricerca e Innovazione Umanistica, Ateneo, II floor
Virtual room	Platform reception virtual room code Microsoftteams 7oxen09
Office Hours (and modalities: e.g., by appointment, on line, etc.)	Tuesday from 10.00 to 12.00, subject to any changes during the months of lessons. The office hours are published in the section notices on the teacher page http://www.uniba.it/docenti/saponaro-maria-benedetta

Work schedule			
Hours			
Total	Lectures	Hands-on (laboratory, workshops, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
25	10		15
CFU/ETCS			
1			

Learning Objectives	Theoretical knowledge and critical understanding of the onto-axiological foundations of ethics, the origins and fundamentals of Bioethics; - Ability to apply knowledge in the field of ethics to the many questions raised by scientific research and technological progress in the field of health and medicine; - Development of critical and autonomous ethical judgement supported by logical rigour and argumentative capacity.
Course prerequisites	

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Teaching strategie	Lecture, case discussion workshops, projection of multimedia material
Expected learning outcomes in terms of	
Knowledge and understanding on:	- Theoretical knowledge and critical understanding of the onto-axis foundations of ethics, the origins and foundations of Bioethics and Neuroethics;
Applying knowledge and understanding on:	-Ability to apply knowledge in the field of ethics to the many questions raised by scientific research and technological progress in the fields of medicine, economics, ecology and communication;
Soft skills	- Development of critical and autonomous ethical judgement supported by logical rigour and argumentative capacity; - Development of communication skills with regard to clarity and accuracy of information and argumentation - Knowledge and application of the rules of metacognition
Syllabus	
Content knowledge	The course aims to explore current topics in ethical-philosophical research and to strengthen heuristic and logical skills in the identification of moral problems, including through the construction and use of rules to be applied to various problem contexts, particularly in the bioethical and technological fields. The student will also be introduced to the study of neuroethics.
Texts and readings	A. Pessina, Bioetica. L'uomo sperimentale, Pearson, Torino 2020
Notes, additional materials	
Repository	The material will be available on the teams platform.

Assessment	
Assessment methods	The examination consists of a written test with multiple-choice and open-ended questions on the content of the syllabus actually taught, through which individual preparation and some transversal skills acquired will be assessed. The exam calendar is published on Esse3
Assessment criteria	<ul style="list-style-type: none"> • - Good theoretical knowledge and critical understanding of the onto-axis foundations of ethics, the origins and foundations of Bioethics and Neuroethics; • - Advanced ability to apply knowledge in the field of ethics to the many questions raised by scientific research and technological progress in the fields of medicine, economics, ecology and communication; • - Development of critical and autonomous ethical judgement supported by logical rigour and argumentative skills; • - Development of communication skills with regard to clarity and accuracy of information and argumentation



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	<ul style="list-style-type: none"> - Good Knowledge and application of the rules of metacognition
Final exam and grading criteria	<p>The final grade is awarded in thirtieths. The examination is deemed passed when the mark is greater than or equal to 18. The written test will consist of multiple-choice questions (one mark will be awarded for each correct answer and 0 for each incorrect answer) and open and short questions (which will be assessed on the basis of problem-solving ability, critical and analytical thinking demonstrated-transversal skills).</p> <p>The final grade obtained in the Human Sciences course of which this course is a part will be the average of the four parts.</p>
Further information	
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General Information

TEACHING NAME: *Bioethics and patient safety – 1 CFU*

Year of course	II
Semester	I semester
Total CFU (CFU/ETCS):	
SSD	<i>MED/43</i>
Language	<i>Italian</i>
Options of attendance	Frontal teaching

Teacher			
Name and surname	<i>Biagio Solarino</i>		
Email address	<i>biagio.solarino@uniba.it</i>		
Telephone			
Based	<i>Medical School</i>		
Virtual based			
Reception			
Organization of teaching			
Hours			
Total	Frontal teaching	Practical teaching	Individual study
25	8		17
CFU/ETCS			
1			

Learning objectives	The training activity aims to enable newly graduated doctors looking towards any specialization to acquire the doctrinal bases of clinical
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	bioethics and clinical risk management.
Teaching methods	<i>The main teaching method is frontal teaching.</i>
Expected learning outcomes To be indicated for each Dublin Descriptor (DD)	<i>The expected learning outcomes define the set of knowledge, skills and competences (cultural, disciplinary and methodological) that the student must possess at the end of the training course.</i>
DD1 Knowledge and understanding abilities	- <i>Dublin Descriptor 1: Knowledge and understanding abilities (what does the student know at the end of the course): clinical bioethics and clinical risk management.</i>
DD2 Applied knowledge and understanding abilities	- <i>Dublin Descriptor 2: Applied knowledge and understanding abilities (what the student can do at the end of the course or what skills he/she has acquired): Apply the knowledge acquired in any field of medicine to any specialization.</i>
DD3-5 Transversal skills	- <i>Dublin Descriptor 3: critical and judgement skills: Students must have the ability to normally collect and interpret data in their field</i>
Teaching contents (Programme)	<i>Notes of clinical bioethics The safety of treatments and clinical risk management Classification of errors and causal/contributing factors Events of interest in clinical risk management Ministerial Recommendations Risk identification and analysis tools Improvement actions Communication with the patient and family</i>



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Reference books	<i>AAVV: MEDICINA LEGALE per Studenti e Medici di Medicina Generale. Idelson-Gnocchi ED Dell'Erba A, Pomara C (a cura di). Elementi per la gestione del rischio clinico per studenti delle scuole di medicina. In press.</i>
Notes to reference books	
Teaching materials	

Valutation	
Assessment methods	<i>Oral exam</i>
Evaluation criteria	<i>Ability to discursively organize knowledge; critical reasoning skills on the study carried out; quality of presentation, competence in the use of specialist vocabulary, effectiveness, linearity.</i>
Criteria for measuring learning and attributing the final grade	<i>The student must demonstrate that he knows the topics being studied and that he has understood the issues relating to them, as well as that he has reached a level of knowledge capable of autonomously developing interpretative arguments. 1) Failure to pass the test: insufficient knowledge of the course contents, insufficient evaluation and argumentative ability, lack of basic legal knowledge. 2) from 18 to 21: sufficient preparation or just more than sufficient; minimal knowledge of the topics and problems addressed in the course; presence of not particularly significant gaps; 3) from 22 to 24: average preparation characterized by no particular in-depth study and by gaps that can be filled in the continuation of the overall training course considered; 4) from 25 to 27: overall good preparation even if not particularly in-depth; technical language and adequate expressive ability; 5) da 28 a 30: excellent or excellent preparation; technical language and punctual and precise expressive ability; 6) 30 e lode: preparation, technical language, expressive and argumentative skills of the highest level</i>
Other	



UNIVERSITÀ
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