UNICAMILLUS

Degree in Medicine and Surgery

Integrated Course: **Economy and International Social Politics**
SSD: MEDS-02/C; ECON-04/A; PHIL-03/A
Integrated Course Coordinator: Prof. Marco Menon e-mail: marco.menon@unicamillus.org
Total ECTS: **6**

Module**: Moral Philosophy**
SSD**: PHIL-03/A**
Prof. Alessandro Boccanelli e-mail: alessandro.boccanelli@unicamillus.org
Prof. Marco Menon e-mail: marco.menon@unicamillus.org
3 ECTS

Module: History of Medicine
SSD: MEDS-02/C
Prof. Alessandra Foscati e-mail: alessandra.foscati@unicamillus.org
2 ECTS

Module: Applied Economics
SSD: ECON-04/A
Prof. Valentina Chiariello e-mail: valentina.chiariello@unicamillus.org
1 ECTS

PREREQUISITES: None

LEARNING OBJECTIVES

Medicine, like all other health professions, cannot be fully reduced to scientific knowledge alone. Physicians are therefore required to have not only a thorough understanding of science but also a broader awareness of its constant connections with economics, history, and ethics. In fact, as highlighted in recent publications by Stanford University, "the core moral challenge of public health [is] balancing individual liberties with the advancement of good health outcomes."
Through economic, historical, and ethical reflections, students will develop attitudes and values such as humility, tolerance, understanding, respect, and openness toward others.
Students will be encouraged to examine their own views in light of traditional approaches. While they are not required to agree with any particular position expressed in this class, they must demonstrate a sufficient understanding of the ideas presented in the course content.

LEARNING OUTCOMES

The aim of the course is to equip students with the tools and framework needed to understand health in relation to ethics, economics, the history of medicine, and other key elements of patient care. This will enable them to treat their future patients in a manner that respects their individuality and humanity. In a field characterized by constant and rapid evolution, students will develop the ability to understand key issues through the use of various specialized tools. They will also learn distinct disciplinary languages, allowing them to recognize health as an interdisciplinary subject. By the end

of the course, participants will be able to contribute effectively to the preparation of documents, reports, and policies, as well as develop interdisciplinary strategies addressing ethics and health. The course is designed to provide a structured training program that addresses the most current and relevant issues in health and ethics, with a particular focus on global changes and evolving international agendas, such as the United Nations' Sustainable Development Goals (SDGs) for 2030.

Applying knowledge and understanding: The overall objective of the integrated course "Economy and International Social Politics" is to introduce students to the experimental method and its applications in research. The course aims to develop their ability to conduct precise, well-documented observations and to perform critical analyses that lead to verifiable generalizations. By the end of the course, students will be able to effectively apply the experimental method.

Communication skills: The student will be able to demonstrate proficiency in using appropriate scientific language for clear and precise communication. They will also be able to describe the main models of various topics using correct terminology.

Making judgments: At the end of the course, the student will be able to independently develop logical procedures and strategies for applying the experimental method, analyzing, and correctly interpreting experimental data. Furthermore, they will have acquired the ability to synthesize and correlate various topics and to critically apply different methodologies.

Learning skills: The student will have acquired the skills and learning methods necessary to further develop and enhance their knowledge in ethics, economics, and the history of medicine. By the end of the course, they will have the ability to explore topics in greater depth through the consultation of scientific literature.

MORAL PHILOSOPHY SYLLABUS

The module will address the following topics:

- Introduction to Moral Philosophy and Bioethics;
- The physician-patient relationship;
- Narrative medicine;
- The time of communication;
- Health Communication;
- End-of-Life Issues;
- Beginning-of-Life Issues;
- Human Experimentation, Gene Therapy, and Human Enhancement;
- Health and Justice;
- The epidemiological transition and the cure of chronicity.

HISTORY OF MEDICINE SYLLABUS

The module will address the following topics:

- Discipline and definitions.
- Sources and methods.

- Greek antiquity: theurgical medicine; rational medicine (Hippocrates); Hellenistic Alexandria and Rome; Imperial age (Galen).
- Late Antiquity. Middle Ages. Early modern period. The 18th century, the birth of pathological anatomy and histology.
- The 19th century: the microbiological and bacteriological revolution; cellular pathology.
- An overview of the origins of neuroscience studies.
- The 20th century (outline).
- History of the ideas of health and disease.
- History of anatomy.
- History of epidemics: theories, instruments of control, and treatment.
- Historical aspects of professional deontology.

APPLIED ECONOMICS SYLLABUS

The module will address the following topics:

- Measuring health
- Determinants of health and health policies
- Demand and supply in the healthcare sector
- Economic dynamics and healthcare expenditure
- Scientific progress, technological development, and innovation in healthcare

COURSE STRUCTURE

The Integrated Course includes 60 hours of in-person lectures with mandatory attendance, divided into 2- or 3-hour sessions based on the academic calendar, as follows:

- 20 hours of lectures for the History of Medicine module
- 10 hours of lectures for the Applied Economics module
- 30 hours of lectures for the Moral Philosophy module

The lectures will incorporate role-playing and case studies, where professors will use teaching tools such as PowerPoint presentations with explanatory diagrams, illustrations, videos, and images to describe various concepts and methodologies. Videos and animations will be used to complement the processes discussed in class.

At the beginning of each session, the learning objectives and expected outcomes will be outlined. To help achieve the expected learning outcomes, the professor will summarize the key points of the topics discussed at the end of each class.

COURSE GRADE DETERMINATION

The exam for the Integrated Course consists of a written test featuring multiple-choice questions, each with a single correct answer (SBA, Single Best Answer).
The exam consists of 45 multiple-choice questions, evenly distributed across each module. Students will have 90 minutes to complete the exam. The final grade, which is assigned to the exam as a whole and cannot be divided, will be expressed on a scale of 30, and to pass the exam, the student must score at least 18/30. However, in order to pass the exam, students must reach a passing threshold in each module (an absolute majority of correct answers, that is, 50% plus one).

No penalties will be applied for unanswered questions or incorrect responses. Throughout the course, through interaction with the students, the instructor will assess judgment skills, communication skills, and learning skills, as outlined in the Dublin Descriptors.

In particular, the exam will be evaluated according to the following criteria:

Failed: important deficiencies and / or inaccuracies in knowledge and understanding of the topics; limited capacity for analysis and synthesis, frequent generalizations.
18-20: knowledge and understanding of the subjects quite sufficient with possible imperfections; ability to analyze, synthesis and sufficient judgment autonomy.
21-23: Knowledge and understanding of routine topics; Correct analysis and synthesis skills with coherent logical argumentation.
24-26: Fair knowledge and understanding of the topics; good analysis and synthesis skills with rigorously expressed arguments.
27-29: Knowledge and understanding of the subjects complete; remarkable analytical skills, synthesis. Good independence of judgment.
30-30L: Excellent level of knowledge and understanding of the topics. Considerable analytical and synthesis skills and autonomy of judgment. Arguments expressed in an original way.

OFFICE HOURS FOR STUDENTS
Students can make an appointment with Professors by sending them an email.

READING MATERIALS:
MORAL PHILOSOPHY

- Teaching materials provided on the web app.

HISTORY OF MEDICINE

- Teaching materials provided on the web app.

APPLIED ECONOMICS

- Teaching materials provided on the web app.