

## Degree in Medicine and Surgery

### "Economy and International Social Politics" 10 CFU

**Coordinator: Prof. Laura Elena Pacifici Noja**

**SSD: MED/02; SECS-P/06; M-FIL/03**

#### **History of Medicine: MED/02**

Prof. Pietro Refolo (2 CFU)

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#### **Applied Economics: SECS-P/06**

Prof. Matteo Ruggeri (2 CFU)

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#### **Moral philosophy: M-FIL/03 (6 CFU )**

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#### **Prerequisites**

None

#### **LEARNING OBJECTIVES**

Medicine, as all other health professions, is not completely reducible to the scientific knowledge.

So physicians will be not only required a thorough scientific knowledge, but also a broader knowledge of the constant bonds with Economy, History and ethics. In fact, as pointed out in some recent publications by the University of Stanford framing "... the core moral challenge of public health as balancing individual liberties with the advancement of good health outcomes. drinking water or compel people with active, infectious tuberculosis to be treated ...".

Students, through Economical, Historical and Ethical reflections will develop attitudes and values such as humility, tolerance, understanding, respect and openness towards others.

Students will be encouraged to examine their own views in the light of the traditional approaches. Although students are never required to agree with any position expressed in this class, they are required to demonstrate a sufficient understanding of the ideas presented in subject contents

#### **LEARNING OUTCOMES**

The aim of the course is to provide students with tools and a framework in which they can place the good "health" in a common context with ethics, economics, history of Medicine and all the relevant elements for patient care so that tomorrow they will be able to treat their patient in an appropriate way to his being a person.

In a sector characterized by a constant and rapid evolution, students will acquire the ability to understand the main problems, also through the use of different specific tools. They will learn peculiar languages so to understand how health is an interdisciplinary theme.

At the end of the course participants will be able to provide an effective contribution to the preparation of documents, reports and measures, as well as to develop appropriate interdisciplinary strategies on ethics and health.

The course intends to provide a training programme aimed at ensuring, through specific focus, the most current and relevant issues in the field of health and ethics, especially in light of global changes and modified international agendas such as sustainable Millennium Development Goals 2030 (MDGs).

**Applying knowledge and understanding:**

The general objective of the integrated course "Economy and International Social Politics" is to learn the experimental method and its applications to the study. Therefore, the course aims to arouse the ability to perform precise and documented observations and to make a correct critical analysis in order to derive verifiable generalizations. At the end of the course the student will be able to apply the experimental method.

**Communication skills:** The student will be able to demonstrate that he/she has learned an appropriate scientific language for the purposes of correct and rigorous communication. He will be able to describe the main models of the different topics with a correct terminology.

**Making judgements:** At the end of the course, the student will be able to develop autonomously the logical procedures and strategies that allow to apply the experimental method, analyze and correctly interpret experimental data. Furthermore, he will have acquired the ability to synthesize and correlate the various topics and to critically use different methodologies.

**Learning skills:** The student will have acquired skills and learning methods suitable for the deepening and improvement of their skills in Ethics, Economics and History of Medicine. At the end of the course the student will have developed the ability to deepen the topics through the consultation of the scientific literature. Matrix.

**HISTORY OF MEDICINE SYLLABUS**

Patient-physician relationship; Medical geography; Medicine of Ancient Greece; Hellenistic-Roman Medicine; Pythagoras; Alcmaeon; Hippocrates; Rational medicine; Theory of humors; Aristotle; Empirical School of Alexandria; Methodical School of Alexandria; Galen; Schola Medica Salernitana; Dissection; Andreas Vesalius; Scientific Revolution; William Harvey; Ignaz Semmelweis; Edward Jenner; Vaccine; Alexander Fleming.

**APPLIED ECONOMICS SYLLABUS**

- Pareto-efficiency and market failures: asymmetric information, externalities, moral hazard and adverse selection
- The economic analysis of healthcare
- Cost effectiveness, cost utility and cost benefit analyses

**MORAL PHYLOSOPHY SYLLABUS**

- presentation and introduction
- moral systems
- moral philosophy's methodology
- moral sense and moral law
- Emptying and reduction of the moral questions
- the scientific basis that characterizes the medical intervention and defines medicine as a science
- awareness of the ethical dimension of medicine and health professions
- empathy
- narrative medicine in digital age
- the relationship between science and ethics

- ethical Committees at different levels
- the relevant elements for the treatment of the patient, in addition to the physiological ones: economic, anthropological, social, ethical and relational
- transcultural Medicine
- Health and Ethics and Social Media
- relationship between Human Rights and Health
- listening to the patient and ethics of communication.
- Millennium Development Goals and Sustainable Millennium Development Goals
- Ethics of health: tensions between collective benefits and individual freedom.
- Global health and new challenges in a globalized world: Health diplomacy and Ethics
- Ethics, Health and International Cooperation
- The course will also deal with the theme of Health Diplomacy, very topical and interdisciplinary between Ethics and Medicine, and show how it could represent a new frontier both as a tool for a new international diplomatic intervention and as a peaceful resolution of disputes on a local and global scale.

### **COURSE STRUCTURE**

The course is divided in frontal lectures, 100 hours. The teacher uses educational tools such as presentations organized in powerpoint files with explanatory diagrams, illustrations and images, videos, movies and animations to complement the processes described in class. The attendance at lectures is mandatory. The possibility of ongoing tests is provided for.

Lectures will include theoretical lessons with power-point presentations and exercises (both in groups and alone).

Traditional teaching method, consisting of oral presentation of the class by Professor. By placing itself at the center of the learning cycle, professor is not simply a facilitator, but a real authority that introduces his students to the total reality.

Student's Participation is promoted, both in the classroom, and using discussion groups, computer and Internet groups

Group presentation of topics from students or experts on the Subject invited

Discussion sessions and dialogue between students, with participation of Professor as a moderator

Use of the inductive method and the deductive method

Open question sessions that generate debates, with the participation of Professor as moderator

Preparation of essays, concept maps and timelines by student or group of students

Presentation of videos or documentaries by Professor or students, for analysis and group commentary

Documentary research on specific topics provided by the Professor, conducted by students using various bibliographic sources.

### **COURSE GRADE DETERMINATION**

Student learning will be assessed through a written (Economics) and oral exams ( Moral Philosophy and History of Medicine) held at the end of the course. The Applied Economics written exam will test the knowledge of students. The exam will include ten questions coherent with the syllabus and exercises about an economic analysis related to the introduction on a new health program or technology. The maximum grade is 30/30 and the final exam will be considered passed having the student achieved a minimum score of 18/30. In the written exam will be also evaluated:

the ability to make judgements, communication and learning skills, coherent with the Dublin indexes.

In the oral test the student is given the opportunity to demonstrate his preparation by discussing the topics of the course, to reason on issues related to Economics, Moral Philosophy and History of Medicine by demonstrating that he has acquired the ability to express himself in a suitable scientific language.

## SCORE AND EVALUATION POLICIES

Every activity during the course will be evaluated for the final score

## BIBLIOGRAPHY

### MORAL PHYLOSOPHY

SERTILLANGE, A.D., *La vie intellectuelle. Son esprit, ses conditions, ses méthodes*, Editorial Desclées, Paris 1934.

GUITTON, J., *Le travail intellectuel. Conseils à ceux qui étudient et a ceux qui écrivent*, Editorial Aubier, Paris 1951.

GUITTON, J., *Nouvel art de penser*, Editorial Aubier, Paris 1946.

GRATRY, A., *Les sources*, Téqui Publishing House, Paris 1926.

[Ezio Di Nucci](#) *Ethics in Healthcare: A Philosophical Introduction*

Vicki Lachman PhD MBE APRN *Ethical Challenges in Health Care: Developing Your Moral Compass*

[Rosalind Ekman Ladd](#), [Lynn Pasquerella](#) , [Smith Sher](#) *Ethical Issues in Home Health Care 1st Edition*

[Craig M. Klugman](#), [Pamela M. Dalinis](#) *Ethical Issues in Rural Health Care 1st Edition* by

Fabio IODICE, *Notes of Moral Philosophy and Fundamentals of Ethics*, First edition (Rome, 2020).

E. Levinas, P. Nemo, *Ethics and Infinity*, trans. Richard A. Cohen, Duquesne University Press, Pittsburgh 1985.

E. Levinas, *Time and the Other*, trans. Richard A. Cohen, Duquesne University Press, Pittsburgh 1987 (handouts will be provided for this title)

B. Casper, *Emmanuel Levinas. La scoperta dell'umanità nell'inferno dello Stalag 1492 (Emmanuel Levinas. The discovery of humanity in the hell of Stalag 1492)* intro. and edited by F. Nodari, Mimesis, Milan 2019.

Optional: E. Levinas, B. Casper, *In ostaggio per l'altro (Hostage for the Other)*, Ets, Pisa 2012.

All of the other readings will be articles or extracts from books, available on the subject Notes  
Other texts can be used.

### APPLIED ECONOMICS

Wondeling, Gruen, Black. *Introduction to health economics. Understanding Public Health. 1st edition*. Additional materials ( Power point slides) will be provided alongside classes.

### HISTORY OF MEDICINE

Materials will be provided by the professor.