

DEGREE IN MIDWIFERY

Integrated Teaching: ECONOMICS AND SOCIAL AND INTERNATIONAL POLITICS

SSD: ECON-02/A, ECON-06/A, MEDS-24/B

Responsible Professor: [Federico De Andreis](#)

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Credits: 7

MODULES: **Economic**

Politics SSD: ECON-02/A

Professor: [Federico De Andreis](#)

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Number of Credits: 4

MODULE: **Business Administration**

SSD: ECON-06/A

Professor: [Francesco Vaia](#)

E-mail: economia.sanitaria@unicamillus.org

Number of Credits: 2

MODULO: **General and Applied Hygiene**

SSD: MEDS-24/B

Professor: [Patrizia Calella](#)

E-mail: patrizia.calella@unicamillus.org

Number of Credits: 1

PREREQUISITES

None.

LEARNING OBJECTIVES

The main learning objective is the knowledge of the principal characteristics and determinants of the markets functioning. Particular focus will be devoted to the study of the healthcare sector. Students are expected to learn how an economic policy is designed and implemented with particular regard to the understanding of the relationships between health and economic growth. Market failures will be considered as the main rationale to understand the role of governmental authorities in order to reduce social costs deriving from externalities, moral hazard, adverse selection and, in general, asymmetric information. Finally, students will learn the use of economic analysis and cost-benefit approach to evaluate public policies with particular focus to healthcare and the evaluation of new health professional roles.

Basic business tools, useful for understanding the managerial dynamics of both public and private structures, will be provided to the students.

Moreover, the students must acquire knowledge of epidemiology and prophylaxis of infectious and non-infectious diseases.

LEARNING OUTCOMES

The specific learning outcomes of the program are coherent with the general provisions of the Bologna Process and the specific provisions of EC Directive 2005/36/EC. They lie within the European Qualifications Framework (Dublin Descriptors) as follows.

At the end of this teaching, students will be able to:

Knowledge and Understanding

- To describe the role and the principal tools of the economic policy
- To describe the effect of externalities, asymmetric information, moral hazard and adverse selection
- To describe the principal determinants of economic growth with particular focus on the role of health policy
- To describe the main characteristics of welfare systems
- To describe the main elements of the economic analysis of public policies
- To apply the economic analysis approach to the evaluation of healthcare
- To describe what a company is and how it works
- To describe the fundamental concepts of organizational, strategic and financial thinking
- To describe the dynamics of human resources and information technologies
- To describe the basic tools for planning and control
- To identify the determinants of health
- To identify the methods of transmission of infectious diseases
- To apply the methods of prevention of infectious and nosocomial diseases with particular regard to the hygiene of pregnancy and the puerperium
- To apply the concepts of primary, secondary, and tertiary prevention
- To recognize the risk factors of chronic degenerative diseases

Applying Knowledge and Understanding

- Apply the principles of midwifery to selected cases, problems, and a variable range of situations
- Use the tools, methodologies language and conventions of midwifery to test and communicate ideas and explanations

Communication Skills

- Present the topics orally in an organized and consistent manner
- Use a proper scientific language coherent with the topic of discussion

Making Judgements

- Recognize the importance of an in-depth knowledge of the topics consistent with a proper education
- Identify the importance of a proper theoretical knowledge of the topic in the clinical practice

Learning skills

The student must be able to activate autonomous paths of study through the consultation of texts and informative material on health economics.

COURSE SYLLABUS

ECONOMIC POLITICS

Markets, preferences, utility, demand, and supply
Pareto-efficiency and market failures: asymmetric information, externalities, moral hazard and adverse selection
Agency
Relationships between economic growth and health
Welfare systems
Demand and supply of healthcare
The economic analysis of healthcare
Cost effectiveness, cost utility and cost benefit analyses

ECONOMICS

Economics and health economics: general concepts
Need and demand in health care
Health planning
Health legislation. Main laws
Transforming the hospital into a company
Management bodies and governing bodies
Accounting and management control
The phases of management control
Budget and managerial accountability
Case studies and group activities
Quality improvement
Efficiency and effectiveness

APPLIED GENERAL HYGIENE

Determinants of health and the concept of public health (NHS and organizational elements)
General epidemiology and risk factors for infectious and chronic-degenerative diseases
Primary, secondary, and tertiary prevention: objectives and tools
Sources of infection, transmission chains, and host resistance
Healthcare-associated infections: epidemiology and prevention in obstetric and neonatal care
Vaccinations with a focus on pregnancy and the perinatal period
Prevention of non-communicable diseases: lifestyle and counseling in pregnancy
Hospital hygiene and techniques: waste management, microclimate, facilities, and risk management
Sanitation, disinfection, sterilization, and pest control

COURSE STRUCTURE

The course consists of 98 hours of classroom teaching, composed of frontal lessons, working groups and interactive learning activities.

COURSE GRADE DETERMINATION

The final evaluation will be written, and the method will be illustrated at the beginning of the first lesson along with the teaching material necessary to prepare for the final test. The exam will focus on the program and will be considered passed with a minimum score of 18/30. On the same day of

the written test, the student who wants to improve his/her grade will be able to take an optional oral test.

The exam will focus on the program and will assess the student's knowledge and mastery of specific scientific language.

The evaluation criteria considered will be: acquired knowledge, independent judgment, communication skills and learning skills. The exams will be assessed according to the following criteria:

< 18 Fail	The candidate possesses an inadequate knowledge of the topic, makes significant errors in applying theoretical concepts, and shows weak presentation skills.
18-20	The candidate possesses a barely adequate and only superficial knowledge of topic, limited presentation skills, and only an inconsistent ability to apply theoretical concepts.
21-23:	The candidate possesses an adequate, but not in-depth, knowledge of the topic, a partial ability to apply theoretical concepts, and acceptable presentation skills.
24-26	The candidate possesses a fair knowledge of the topic, a reasonable ability to apply theoretical concepts correctly and present ideas clearly.
27-29	The candidate possesses an in-depth knowledge of the topic, a sound ability to apply theoretical concepts, good analytical skills, clear argumentative clarity and an ability to synthesize.
30-30L	The candidate possesses an in-depth knowledge of the topic, an outstanding ability to apply theoretical concepts, a high level of argumentative clarity, as well as excellent analytical skills, and a well-developed ability to synthesize and establish interdisciplinary connections.

OPTIONAL ACTIVITIES

Students can request optional workshops to deepen some specific topics.

READING MATERIALS

GENERAL HYGIENE

- Igiene per le professioni sanitarie. Author: Ricciardi Walter. Editor: Sorbona. Edition: 2014 Comodo N., Maciocco G., Igiene e Sanità Pubblica. Carocci Ed.
- Didactic material (lessons in pdf, papers, etc.) delivered by the Professor

ECONOMIC POLITICS

- Randy Charles Epping, A Begginers' Guide to the World of Economy, Third Edition, New York: Vintage, 2001)
- Didactic material (lessons in pdf, papers, etc.) delivered by the Professor

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