

DEGREE IN MIDWIFERY

Integrated Teaching: ECONOMICS AND SOCIAL AND INTERNATIONAL POLITICS

SSD: SECS-P/02, SECS-P/07, MED/42

Credits: 7

Responsible Professor: Fabio Fiano

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MODULES: Economic Politics

SSD: SECS-P/02

Number of Credits: 4

Professor: Matteo Ruggeri

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MODULE: Business Administration

SSD: SECS-P/07

Number of Credits: 2

Professor: Fabio Fiano

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MODULO: General and Applied Hygiene

SSD: MED/42

Number of Credits: 1

Professor: Rita Lucchetti

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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
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- 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

COURSE SYLLABUS

RUGGERI

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

FIANO

An Overview of Health Care Management
Leadership
Management and Motivation
Organizational Behaviour and Management Thinking
Strategic Planning
Healthcare Marketing
Quality Improvement Basics
Information Technology

Financing Health Care and Health Insurance
Managing Costs and Revenues
Managing Health Care Professionals
The Strategic Management of Human Resources
Teamwork
Addressing Health Disparities: Cultural Proficiency
Ethics and Law
Fraud and Abuse
Special Topics and Emerging Issues in Health Care Management
Health Care Management Case Studies and Guidelines

LUCCHETTI

Health concept
General epidemiology of infectious disease. Sources of infection, mode of transmission
Factors favouring the spread of infections
Ways to onset of infections in the population
Preventive Medicine
The objectives and the methods of the prevention
Prevention of infections: discovery and inactivation of infection sources, interruption of transmission chains; increase of resistance to infections
General principles of prevention of not infectious diseases
Tertiary, secondary, primary prevention
Prevention of blood transmissible infections
Prevention of infections during pregnancy
Hospital infections
Hygiene of environment

COURSE STRUCTURE

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

COURSE GRADE DETERMINATION

MODULE OF RUGGERI

A written exam will test the knowledge of students. The exam will include two open questions coherent with the syllabus plus an exercise 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.

MODULE OF FIANO

70% written exam. The exam papers will be structured as follows: multiple choice questions, open ended questions and 1 or 2 brief numerical exercises. 30% assignment and practical cases.

MODULE OF LUCCHETTI

The written examination will consist of 30 multiple-choice questions (3 or 4 possible answers for question, of which 1 is correct), and one essay question. The students must answer correctly to at least 60% of the questions to pass the exam. the evaluation criteria used for the essay question will focus on the ability di exhaustively describe and develop the topic of the question.

OPTIONAL ACTIVITIES

Students can request optional workshops to deepen some specific topics.

READING MATERIALS

-Igiene per le professioni sanitarie. Author: Ricciardi Walter. Editor: Sorbona. Edition: 2014
Comodo N., Maciocco G., Igiene e Sanità Pubblica. Carocci Ed.

-Sharon Bell Buchbinder, Nancy H Shanks (2017), Introduction to health care management, Jones & Bartlett Learning, Burlington, Massachusetts.

-Wondeling, Gruen, Black. Introduction to health economics. Understanding Public Health. 1st edition.

-Didactic material (lessons in pdf, papers, etc.) delivered by the Professors