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Syllabus  
Course: Health management  
CFU: 6

Prof. Paola Sinibaldi and Prof. Sandro Mancinelli

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### Course Description

The Course is divided into two modules:

- 1st Module, Title: Diagnostic, Prevention and Health (Prof. P. Sinibaldi), 2 CFU
- 2nd Module, Title: Changing health in a changing world (Prof. S. Mancinelli) 4 CFU

#### 1st Module

The objective of the course is to train students with different background in pre-university curriculum to identify some of the key basic health problems involved in the current financial situation and evaluation of global health. In addition they have to try advocate appropriate basic solutions for advancement of public health economy. Students in the course will have some basic understanding of the economic problem related to public health.

#### 2nd Module

Students will be introduced to main epidemiological descriptors, basic characteristics of acute and chronic diseases, the demographic and epidemiological transition and its major consequences on populations' health.

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**1st Module**  
**Diagnostic, Prevention and Health**

<b>Topic 1</b>	Basic Understanding of the economic problem related to public health.
<b>Topic 2</b>	Concept of disease prevention and health promotion in relationship with health economy.
<b>Topic 3</b>	Discussion on World Health Organization programs

### Teaching Method

It must be clear the concept of disease prevention and health promotion and why this last concept is directly related to the cost of public health. At the end of the course, the students will be able to have a basic decision making skills in key situations for health promotion and disease prevention programs. Basic management of relations and basic communications with institutions in health field. During the course, students can access to hospital to understand the basic organization. At the same time, they can learn the activities that are organizing by World Health Organization.

Lectures, exercises, visits.

### Textbook and Materials

Required readings; handouts from the teacher, readings from the web ([www.euro.who.int](http://www.euro.who.int))

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**2nd Module**  
**Changing health in a changing world**

<b>Topic 1</b>	Introduction to epidemiology and main epidemiological descriptors
<b>Topic 2</b>	Natural history of acute and chronic diseases (causes, trend, consequences, etc.)
<b>Topic 3</b>	Health/disease determinants (lifestyles, education, inequalities, socio-economic variables, social isolation, etc)
<b>Topic 4</b>	Demographic and epidemiologic transition (towards a welfare transition?)
<b>Topic 5</b>	Challenges and chances posed by the new scenarios (lifespan, disabilities, immigrants and poor access categories, new technologies, social networks, economics)
<b>Topic 6</b>	Health promotion (impact of public policies on health, reorientation of health and social services to new models of care, cross-sectoral and interdisciplinary approach to health)

### Teaching Method

Describe the main characteristics of the Italian health system in the European context; describe an alternative approach to health other than the disease-based approach; integrate multiple perspectives to understanding health (demographic, economic, human development, lifespan, community contexts). Demonstrate how a longitudinal and global approach provides a better understanding of the multiple (not only medical) determinants of health. Identify, explain and discuss the behavior changes useful for health at both the individual and the population level. Critical reading of scientific literature and of web information. Lectures, seminars, exercises.

### Textbook and Materials

Required readings; handouts from the teacher, readings from the web ([www.euro.who.int](http://www.euro.who.int), [www.wordbank.org](http://www.wordbank.org), etc).

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### Assessment

The final exam is an oral exam, eventually integrated by a written test. Students will be also evaluated by elective midterm exams (as written tests, short presentations, etc.) accounting for up to 40% of the final grade.

### Office hours

Paola Sinibaldi and Sandro Mancinelli: 02:00-04:00 p.m. Wednesday

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