



Academic Year 2019-2020

Syllabus

Prevention and Promotion in Global Health 6 CFU

Proff. Paola Sinibaldi and Sandro Mancinelli

### Course Description

The Course is divided into two modules:

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

The objective of the course is to train students with different background in pre-university curricula to identify some of the key basic health problems involved in the current epidemiological, social and financial situation and to understand the key elements of the global health approach. In addition, students have to try advocate appropriate basic solutions for the advancement of public health sustainability. Students in the course will have some basic understanding of the economic problems related to public health.

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### 1st Module

Topic 1	<b>Introduction to epidemiology</b> and main epidemiological descriptors (definition of health, health indicators, causes of diseases investigation, fertility rate and mortality rate trends, etc.) <i>Lectures n.1-2</i>
Topic 2	<b>Natural history of communicable and noncommunicable diseases</b> (causes, trend, consequences, etc.) <i>Lecture n.3</i>
Topic 3	<b>Health/disease determinants</b> (lifestyles, education, inequalities, social isolation, etc) <i>Lecture n.4-5</i>
Topic 4	<b>Demographic and epidemiologic transition</b> (towards a welfare transition?) <i>Lecture n.6-7</i>
Topic 5	<b>Global Health:</b> challenges and opportunities posed by the new scenario (enhanced lifespan, disabilities, migrations, etc) <i>Lecture n.8-9</i>
Topic 6	<b>Health and Economics.</b> The need of measuring health (Daly, Qaly, Global burden of disease, etc.) <i>Lecture n.10-11 (Prof. Stefano Orlando)</i>
Topic 7	<b>Health promotion and protection:</b> impact of public policies on health and interdisciplinary approach <i>Lectures n.12-13(Prof. Stefano Orlando)</i>
Topic 8	<b>Economic evaluation in Health</b> <i>Lecture n.14 (Prof. Stefano Orlando)</i>

### Teaching Method

Formal teaching techniques (mainly powerpoint presentations) and discussion on specific topics (eventually introduced by previously assigned readings, as published papers or reports) will be used, with a strong emphasis on the interaction between teacher and students in class. Experts may eventually be invited to provide lectures on specific topics. The active participation of students is expected when the teacher invites them to class discussions. Students are expected to attend all lectures; in case of non-attendance of one or more lectures (up to a maximum of 30% of total), they will be requested to perform a specific homework.

### Lectures, seminars, exercises

Written exercises will be proposed in class: a five minutes test will conclude each lecture, in order to familiarize with main definition and concepts. Two mid-term tests/exams (to be performed during the lectures time) will be planned at the beginning of the course. Short papers could be eventually asked to the students as homework during the course.

### Textbook and Materials

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

Main referral readings for attending students:

1. OECD (2017), *Health at a Glance*, OECD Publishing, Paris.
2. World health statistics 2016: monitoring health for the SDGs, sustainable development goals. WHO publ. 2016
3. The world health report 2013: research for universal health coverage. WHO publ. 2013

Non-attending students manuals:

1. *Routledge Handbook of Global Public Health*, 1st edition.
2. Guest C., Ricciardi W., *Oxford Handbook of Public Health Practice*, last edition.

### Assessment

A unique final written exam with the second module is required to be passed (see below).

## 2nd Module

<b>Topic 1</b>	Basic Understanding of the organization related to public health
<b>Topic 2</b>	Concept of disease prevention and health promotion in relationship with global health
<b>Topic 3</b>	Visit to the Policlinico of Rome Tor Vergata
<b>Topic 4</b>	Health systems: different national approaches and future perspectives (Prof. F.S. Mennini)
<b>Topic 5</b>	The rationale for government intervention in health and health care markets (Prof. F.S. Mennini)

### Teaching Method

Formal teaching techniques (power point presentations) and discussion on specific topics, with a strong emphasis on the interaction between teacher and students in class. Experts may eventually be invited to provide lectures on specific topics. The active participation of students is expected when the teacher invites them to class discussions, as well as during the planned field visits.

### Lectures, exercises, visits

A visit to the Policlinico of Rome Tor Vergata is planned for 10 December 2019 in order to see and understand the basic organization of such structure.

### Textbook and Materials

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

Non-attending students manual: *Handbook of Health Promotion and Disease Prevention* (The Springer Series in Behavioral Psychophysiology and Medicine, last edition)

### Assessment

Final grade will be based on: attendance to lectures, exercises evaluation and active participation at the course (20%); result of two mid-term tests/exams (40%); final exams, written and oral (40%). The final

exam will be an oral one, integrated by a written test (20 minutes), consisting of ten brief questions with four closed answers. Non-attending students will be evaluated by a preliminary written test (20 questions with four closed answers, related to the course topics) and a written and oral final exam proposed to attendants.

**Office hours**

Eventually after classes and on requested (email) appointment.

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**NOTE:** Erasmus or non Global Governance students who would like to attend one or more courses and take one or more exams need to contact the Secretariat of Global Governance by e-mail [global.governance@uniroma2.it](mailto:global.governance@uniroma2.it) for registration and inform the Professor of the course. They are required to sign a code of conduct like all Global Governance students, accepting all values and rules. Please read it carefully before enrolling.

Notice that attendance is required from the very first lesson and you need to attend at least 80% of the course to be considered an attending student.