



Academic Year 2020-2021

Syllabus

Health management

6 CFU

Proff. Paola Sinibaldi and Sandro Mancinelli

Course Description

The Course is divided into two modules:

- 1st Module, Title: Changing health in a changing world (Prof. S. Mancinelli), 4 CFU
- 2nd 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.

1st Module

Topic 1	How should health be defined?: definitions of health, health indicators, main demographical determinants, etc. <i>Lectures n.1</i>
Topic 2	Natural history of acute and chronic diseases: main differences between communicable/infectious and noncommunicable/non infectious diseases (causes, trend, consequences, etc.). <i>Lecture n.2</i>
Topic 3	The concept of Cause in medical sciences: causes, risk factors, health/disease determinants (lifestyles, education, inequalities, social isolation, etc) <i>Lecture n.3</i>
Topic 4	Demographic and epidemiologic transition: challenges and opportunities posed by the new scenario (enhanced lifespan, disabilities, migrations,etc) Introduction to Epidemiology <i>Lecture n.4-5</i>
Topic 5	Global Health: challenges posed by the increasing burden of chronic diseases on the healthcare system, and new challenges posed by new and old infectious diseases: HIV/AIDS, TB and Malaria, a struggle still to win; recent (SARS Cov2) and future pandemic diseases: the undelayable need for a global and planetary approach <i>Lecture n.6-7</i>
Topic 6	Health and Economics: the need of measuring health (Daly, Qaly, Global burden of disease, etc.) <i>Lecture n.8-9 (Prof. Stefano Orlando)</i>
Topic 7	Health promotion and protection: impact of interventions and public policies on health. An interdisciplinary approach <i>Lectures n.10-11 (Prof. Stefano Orlando)</i>
Topic 8	Economic evaluation in Health <i>Lecture n.12-13 (Prof. Stefano Orlando)</i>
Topic 9	Preparedness on epidemics and economic problems: role of WHO and other national and international institutions in the management of a pandemic disease, best practices and lessons learned about pandemic diseases (HIV/AIDS, Ebola, SARS-CoV I and II: focus on the present pandemic)

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, www.euro.who.int, www.worldbank.org, etc.).

Main referral readings for attending students:

1. OECD, (2019), *Health at a Glance 2019: OECD Indicators*, OECD Publishing, Paris, <https://doi.org/10.1787/4dd50c09-en>.
2. World health statistics 2020: monitoring health for the SDGs, sustainable development goals. Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO.
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*.

Assessment

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

2nd Module

Topic 1	Basic Understanding of the economic problem related to public health
Topic 2	Concept of disease prevention and health promotion in relationship with health economy
Topic 3	Lectures by external guests: Proff. Miozzo and Ippolito (6 hours)
Topic 4	Health systems: different national approaches and future perspectives (Prof. F.S. Mennini)
Topic 5	The rational 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

Lectures by external guests regarding the Covid pandemic.

Textbook and Materials

Required readings for attending students: handouts from the teacher; readings from the web (www.who.int, www.euro.who.int, www.worldbank.org, etc).

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

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 (more than 20% absence) 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 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.