

PHP Seminar



Public Health and Socio-economic Aspects in the Prevention of Non-communicable Diseases (NCDs)

Overview

In this course, students learn about:

- The different dimensions of the burden of non-communicable diseases (NCDs)
- Various determinants of NCDs and how they are interlinked with socioeconomic factors
- NCD prevention concepts and their theoretical rationales
- Effectiveness and cost-effectiveness considerations in NCD prevention

Offered By

- TUM Professorship of Public Health & Prevention (Prof. Dr. Michael Laxy)

Lecturers

- Prof. Dr. Michael Laxy
- Karl Emmert-Fees



Cooperation Partners

- None

Contact Person

- Karl Emmert-Fees

Learning Objectives

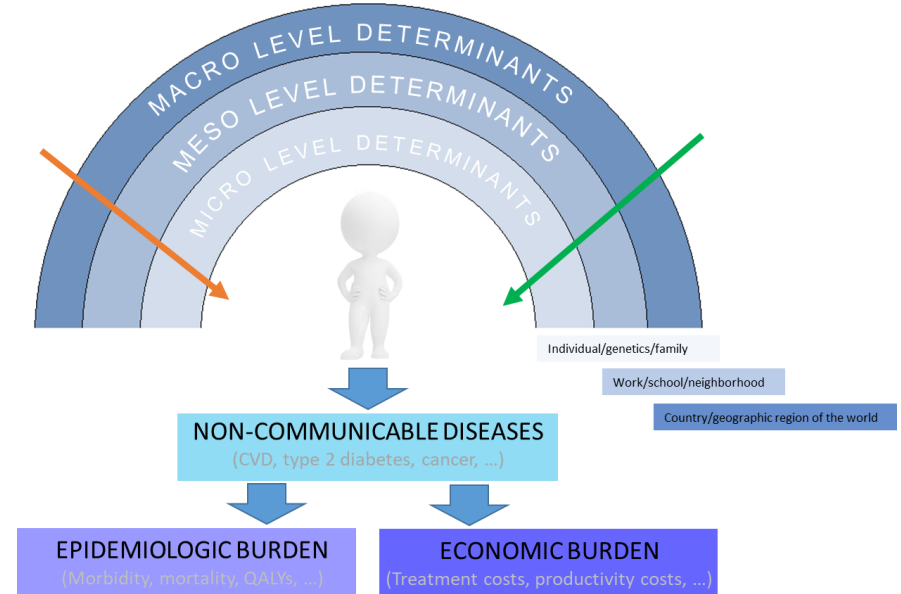
- Understand the complex societal burden of NCDs in different countries and contexts
- Understand determinants of NCDs and how they are interlinked, focusing especially on socioeconomic factors
- Understand the consequences of NCDs and their relation to lifestyle factors
- Understand and discuss the extent of socioeconomic inequalities in health and potential underlying mechanisms
- Understand and discuss theoretical justifications for tackling health inequalities

Learning Objectives (c'td)

- Understand theories of health behavior and behavioral economic concepts
- Understand and discuss concepts of NCD prevention, contrasting individual- and population-level approaches
- Learn about the effectiveness, cost-effectiveness and population impact of NCD prevention approaches
- Understand theoretical rationales for NCD prevention

Structure

- 9 seminar sessions with interactive lectures, in-class and paper discussions
- 1 case study lecture in which a topic of the seminar is discussed in detail based on one or several papers
- Group presentations in which students apply what they have learned to a specific NCD or risk factor
- Individual essay in which students introduce, justify, present and discuss why a specific NCD or risk factor is important and how it should be addressed by prevention efforts



Pre-requisites

- Basic knowledge of general epidemiology and public health concepts.

ECTS & SWS

- 4 ECTS & 3 SWS

Course Language

- English

Examination Format

- Group presentations with individually graded contributions (40%)
- Individual essay with max. 2000 words (60%)

Position in the Program

- Elective area “Complementary Subjects”
- 1st or 3rd semester, winter term