

Course title: The diversity of the aging processes. From biology to environment
Kursusnr: 4043-12-00-00

Aim and content: The overall goal of the course is to give participants a basic understanding of the biological, physical and cognitive aspects of the aging process. The course will also cover the impact of these aging-related processes on the key functional abilities required in daily life. In addition, the course will pay special attention to the role of a broad range of social and environmental factors known to affect aging-related declines in health and functional abilities.

The course will introduce some major aspects of aging: biological markers (e.g., low-grade inflammation, telomere length), muscle function, brain aging, and cognitive function. As these processes may cause functional decline, a variety of commonly-used measures of functional limitations and disability will be discussed. The course will also present the role of social factors (e.g., socioeconomic status, social relations) and environmental factors (e.g., neighbourhood social climate, built environment) that have special relevance to intervention and public policy. The main focus will be on studies at the population level, and specific methodological issues and challenges in epidemiological aging research will also be emphasized

Participants. Ph.D.-students in public health and gerontology

Language. English

Form. Lectures and classroom teaching and exercises

ECTS-credits: 11.5 ECTS/ 30 lessons

Course director. Professor Kirsten Avlund, Section of Social Medicine, Department of public Health, Øster Farimagsgade 5, P.O.B. 2099; 1014 Copenhagen K

Instructors. Kirsten Avlund, Laila Bendix, Helle Bruunsgaard, Michael Kjær, Minna Mänty, Carlos Mendes de Leon, Erik Lykke Mortensen, Charlotte Nilsson and others

Dates. May 10, 11, 14-16, 21, 24, 25

Place. CSS

Fee.

Course secretary. Annegrethe Hansen

Registration: Before 14 April 2012

No admission after deadline. Admission for Ph.D. students will be allocated on a first-come, first-served basis. Applications from external participants will be considered after the closing date. The application must be sent to: Ph.D. Administration, Blegdamsvej 3B, DK-2200 Copenhagen N.