

SYLLABUS

Climate and Human Activity

7.5 credits F7011B

Klimat och människan

Course syllabus admitted: Autumn 2016 Sp 1 - Autumn 2016 Sp 2

DECISION DATE
2016-06-13

Climate and Human Activity 7.5 credits F7011B

Klimat och människan

Second cycle, F7011B

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	G U 3 4 5	Arkitektur	Architecture

Entry requirements

The course F7009B Climatic conditions or equivalent basic knowledge of climate and course F7006B climate, landscape and buildings, or equivalent knowledge of the relationship climate and buildings.

Selection

The selection is based on 30-285 credits

Examiner

Agatino Rizzo

Course Aim

Knowledge of:

- Human experiences of comfort outdoors, indoors, and the transition between.
- Human experience of different climatic conditions outdoors and indoors.
- Human activities under various climatic conditions.
- Cities and buildings that promote human activities under various climatic conditions

Contents

Different Human activities
Medical and physiological limits of acceptable weather conditions
Experiences of acceptable weather conditions
Human health
Social factors
Vibrant and attractive cities
Seasonal Variations

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Lectures
Exercises
Assignments
Seminar on scientific literature within the subjects

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

Home assignments on scientific literature
Seminar with discussion of the scientific literature
Assignment: Ideas for outdoor and indoor environments can be designed to satisfy people's medical, psychological, social demands and experiential desires.

Literature. Valid from Autumn 2013 Sp 1

Calthorpe, Peter (2010). Urbanism in the age of climate change. Washington, DC : Island Press. E-bok.

Stehr, Nico (2010). Climate and society: climate as resource, climate as risk. Hackensack, N.J. : World Scientific. E-bok.

Gotelind, Alber (2011). Gender, Cities and Climate Change. Thematic report prepared for Cities and Climate Change Global Report on Human Settlements. Available at: <http://www.unhabitat.org/grhs/2011>

Course offered by

Department of Civil, Environmental and Natural Resources Engineering

Items/credits

Number	Type	Credits	Grade
0001	Take-home examination	3.5	G U 3 4 5
0002	Seminar	1	U G#
0003	Assignment report	3	G U 3 4 5

Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

Last revised

by Eva Gunneriusson 2016-06-13

Syllabus established

by Eva Gunneriusson 2013-02-08