

Information Architecture



Mondays 13:00 – 14:00

051-0723-14V | 2 ECTS*

Information Architecture and Future Cities

With the city becoming the predominant living and working environment of humanity, livability or quality of life in the city becomes crucial. In this course, we explore the impact of information and information architecture on the livability of cities. After the introduction to affordable livability and its measurable criteria, we explore possibilities of participatory urban design by future citizens, leading towards the development of a citizen design science. By week four, we give special attention to 4 crucial urban stocks and flows for urban design: water, energy, the local climate, and mobility. During the following lectures, we bring together the previous topics to explore how these stocks and flows affect the livability of the city. By the end of the course, students will be able to recognize the different measurable criteria for the assessment of livability, and how to influence the design of livable cities. The edX MOOC on Future Cities is a good overview and starting point for this course.

Where

HIT H 31.4 (Video wall)

Supervision

Prof. Dr. Gerhard Schmitt gerhard.schmitt@sl.ethz.ch
Denise Weber denise.weber@arch.ethz.ch
Dongyoun Shin shin@arch.ethz.ch

EdX MOOC on Future Cities:

www.edx.org

Search for ETH - Future Cities

- 16.02.2015 Die lebenswerte Stadt. Introduction to livable cities
- 23.02.2015 Messbare Kriterien der Lebensqualität. Measurable criteria of livability (with Prof. Stephen Cairns, SEC Singapore)
- 02.03.2015 Stadtklima und Lebensqualität I. Urban Climate and livability I (with Prof. Jan Carmeliet)
- 09.03.2015 Stadtklima und Lebensqualität II. Urban Climate and livability II (with Prof. Matthias Roth, SEC Singapore)
- 16.03.2015 Seminar week (No lecture)
- 23.03.2015 Energie und Lebensqualität I. Energy and livability I (with Dr. Matthias Berger, SEC Singapore)
- 30.03.2015 Energie und Lebensqualität II. Energy and livability II (with Dr. Matthias Berger, SEC Singapore)
- 20.04.2015 Mobilität und Lebensqualität. Mobility and livability (with Dr. Alexander Erath, SEC Singapore)
- 27.04.2015 Wasser, Ökologie und Lebensqualität. Water, ecology and livability (with Dr. Ulrike Wissen)
- 04.05.2015 Partizipativer Stadtentwurf. Towards citizen design science (with Prof. Jane M. Jacobs, SEC Singapore)
- 11.05.2015 The livable city.
- 11.05.2015 Final iA critique
Combined critique with the other iA courses (14:00 - 18:00)

* Total 60 h = 2 ECTS

3 Exercises (25%) = 75%

Precedence and participation = 25%

The most recent outline will be found on www.ia.arch.ethz.ch