INFORMATION ARCHITECTURE

Mondays 13:00 - 14:00
051-0723-14V | 2 ECTS*

Information Architecture and Future Cities: Livable 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 Quality of Life: Livability in Future Cities is a good overview and starting point for this course.

22.02.2016	**Die lebenswerte Stadt** Introduction to livable cities
29.02.2016	**Messbare Kriterien der Lebensqualität** Measurable criteria of livability
07.03.2016	**Stadtklima und Lebensqualität** Urban Climate and livability (Prof. Jan Carmeliet)
14.03.2016	**Seminar week (No lecture)**
21.03.2016	**Energie und Lebensqualität** Energy and livability (with Dr. Matthias Berger)
04.04.2016	**Wasser, Ökologie und Lebensqualität** Water, ecology and livability (with Prof. Adriebbe Grêt-Regamey)
11.04.2016	**Mobilität und Lebensqualität** Mobility and livability (with Dr. Alexander Erath)
25.04.2016	**Partizipativer Stadtentwurf** Towards citizen design science
02.05.2016	**The livable city**
09.05.2016	**Feedback lecture**
	Final iA critique Combined critique with the other iA courses (14:00 - 16:00)

Where
HIT H 31.4 (Video wall)

Supervision

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EdX MOOC
Quality of Life: Livability in Future Cities
www.edx.org
Search for ETH

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* Total 60 h = 2 ECTS
6 Exercises (25%) = 75%
Attendance and participation = 25%

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

iA Chair for Information Architecture