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# FS2015 | INFORMATION ARCHITECTURE OF CITIES

FS2015 | INFORMATION ARCHITECTURE OF CITIES

Jan - 22 - 2015



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)

When: Mondays 13:00 - 14:00

2 ECTS

Supervision:

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L01 – DIE LEBENSWERTE STADT. INTRODUCTION TO LIVABLE CITIES Feb - 19 - 2015

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2015-02-16 / HIT H 31.4

Prof. Dr. Gerhard Schmitt/ Die lebenswerte Stadt / Introduction to livable cities

PDF File with the slides: [L01\\_150216\\_Livable\\_Cities](#)

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L02 – MESSBARE KRITERIEN DER  
LEBENSQUALITÄT. MEASURABLE CRITERIA OF  
LIVEABILITY

Feb - 23 - 2015

2015-02-23 / HIT H 31.4

Prof. Dr. Gerhard Schmitt & Prof. Dr. Stephen Cairns/Messbare Kriterien der  
Lebensqualität. Measurable criteria of livability

PDF File with the slides:

[L02\\_150223\\_Liveability\\_Wellbeing\\_Eudaimonism\\_SC](#)

[L02\\_150223\\_Measurable\\_Criteria\\_of\\_liveability\\_GS](#)

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2015-03-02 / HIT H 31.4

Prof. Dr. Gerhard Schmitt and Prof. Jan Carmeliet/ L03 - Stadtklima und Lebensqualität I. Urban Climate and livability I

PDF File with the slides:

[L03\\_150302\\_Stadtklima\\_und\\_Lebensqualitaet\\_I.Urban\\_Climate\\_and\\_Livability\\_I](#)

[L03\\_150302\\_Urban\\_Heat\\_Island\\_JC](#)

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**L04 – STADTKLIMA UND LEBENSQUALITÄT II.  
URBAN CLIMATE AND LIVABILITY II**

Mar - 16 - 2015

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2015-03-09 / HIT H 31.4

Prof. Dr. Gerhard Schmitt and Prof. Dr. Matthias Roth/ L04 - Stadtklima und Lebensqualität II. Urban Climate and livability II

PDF File with the slides:

[L04\\_150309\\_Urban Climate and livability \[...\]](#)

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L05 – ENERGIE UND LEBENSQUALITÄT I.  
ENERGY AND LIVABILITY I

Mar - 26 - 2015

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2015-03-23 / HIT H 31.4

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ENERGY AND LIVABILITY II

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2015-03-30 / HIT H 31.4

Prof. Dr. Gerhard Schmitt and Dr. Matthias Berger/ L06 - Energie und Lebensqualität  
II. Energy and livability II

PDF File with the slides:

[L06\\_150330\\_Energie und Lebensqualitaet II](#)

[L06\\_150330\\_Energie\\_und\\_Lebensqualitaet\\_II\\_MB](#)

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L08 – BEWEGUNG UND LEBENSQUALITÄT.  
MOBILITY AND LIVABILITY.

Apr - 27 - 2015

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2015-04-27/ HIT H 31.4

Prof. Dr. Gerhard Schmitt and Dr. Alexander Erath/ L08 - Bewegung und Lebensqualität. Mobility and Livability.

PDF File with the slides:

[L08\\_150427](#)

[lecture\\_alex\\_erath](#)

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L09 – PARTIZIPATIVER STADTENTWURF.  
TOWARDS CITIZEN DESIGN SCIENCE.

May - 04 - 2015

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2015-04-27/ HIT H 31.4

Prof. Dr. Gerhard Schmitt and Prof. Jane M. Jacobs // L09 - Partizipativer  
Stadtentwurf. Towards citizen design science.

PDF File with the slides:

[L09\\_150504](#)

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L10 – ENDBESPRECHUNG. FINAL DISCUSSION.

Jun - 01 - 2015

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2015-04-27/ HIT H 31.4

Prof. Dr. Gerhard Schmitt and Dr. Alexander Erath/ L10 - Endbesprechung. Final Discussion.

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