

AR-619

**Designing cities in a changing world**

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Cursus	Sem.	Type
Architecture and Sciences of the City		Obl.

Language of teaching	English
Credits	3
Session	
Exam	Written & Oral
Workload	90h
<b>Hours</b>	<b>86</b>
Courses	13
Exercises	60
TP	13
<b>Number of positions</b>	<b>14</b>

**Frequency**

Only this year

**Summary**

This course develops, within the urban domain, a critical review of challenges/opportunities of the One Health concept, based on the inexorable link between human, animal, and ecosystem health.

**Content****DESIGNING CITIES IN A CHANGING WORLD: TOWARDS AN URBAN ONE HEALTH APPROACH**

A Swissuniversities course co-organised with UNIGE, ETHZ, UNI LIEGE and UNI BRUXELLES

**Invited lecturers :**

- Isabelle Bolon - UNIGE
- Derek Christie - HEFR

Today urbanisation involves dramatic anthropogenic changes of landscapes, with a degradation, replacement or complete loss of natural ecosystems. Nonetheless the framework of health governance for humans, animals and the environment, still extremely fragmented, fails to meet current challenges. The disconnect grows between human health, animal health and the health of the environment and of ecosystems as a whole. A paradigm shift is thus urgently required to de-sectoralize human, animal, plant and ecosystem health and to take a more integrated approach to health. The so-called One Health approach is based on the inexorable links between human, animal, and ecosystem health and the added value of interdisciplinary and inter-sectoral collaborations in this domain.

**Objectives and themes**

The Seminar is addressed to PhD students in the fields of Architecture, Urbanism, Global Health and Humanities and Social Sciences, interested in the use of the One Health concept as a tool to tackle urban themes (the city, the territory and the ways in which we inhabit them). The Seminar aims to discuss the actuality and the problems related to the One Health concept, while focusing on its devices, purposes and challenges. From a thematic point of view, students are encouraged to position their contribution in relation to three particular OH objectives :

- the reconnection of humans to their natural past and acceptance of their place in/dependence on the planet's ecosystems;
- the recognition of human dependence on ecosystem services;
- the recognition of human development's impact and acceptance of responsibility towards future generations to address this.

**Organisation**

The Seminar is organised by the Laboratory of Urbanism (Lab-U) - EPFL, the Institute of Global Health (IGH) - UNIGE

and the Faculty of Architecture of the University of Liège (Belgium) for EPFL-EDAR.

The Seminar will take place over two days and will include: 2 key conference notes; 2 half-days seminar; 4 doctoral students papers; Presentation/Discussion Sessions.

### **Admission and participation**

The 15 PhD students attending the seminar will be selected on the basis of a call for paper (document upon request: elena.cogatolanza@epfl.ch).

They will send their paper to the teachers 15 days before the seminar (5'000 words). Each PhD student will present the paper at the seminar and will be responsible for discussing the paper of another participant.

Following the supervision provided at the seminar, the paper final version should be returned to the teachers few weeks after the end of the seminar.

### **Keywords**

ONE HEALTH, URBANISM, TRANSITION

### **Learning Outcomes**

By the end of the course, the student must be able to:

- Access and evaluate appropriate methods
- Demonstrate the capacity for critical thinking
- Give feedback
- Write a scientific paper

### **Resources**

#### **Bibliography**

Yes

#### **Websites**

- <https://drive.google.com/file/d/1FcfAv6ggC-J0zIEVc1iRnPN7ORrqj0eC/view>