



Department of Building Services
and Process Engineering

Summer School 2018

from 26 (Sunday) to 31 (Friday) August, 2018

at the BME Budapest University of Technology and Economics

Green Cities

Language: English

Topic: Environmental and climate protection focuses more and more on cities. Similar to land use, cities are faced with global warming and very often with drought. The best method against the negative impacts of climate change is implementing green areas, forests and parks in big cities. Green areas give fresh air, decrease temperature in the summer and contribute to human health.

Examination: Assignment in a freely chosen topic in team discussion in the last day. The written examination consists of preparing a report (min. 12 pages) by 30 September, 2018.

Number of Credit Points: 2 - 5, depending on university.

Remote transmission of lessons by Skype from the following universities:

- Shanghai Jiao Tong University, SJTU, China
- Leuphana University Lüneburg, Germany
- Greenwich University U.K.
- KAS Hong Kong Office, China
- Puebla University, BUAP, Mexico

Excursions: Travelling by highly comfortable busses free of charge for students.

- **Monday:** Greetings and basic lectures for building design and using of renewable energy at the University of Sopron
- **Tuesday:** Travelling to BOKU Vienna, where lectures will be provided to climate modelling methods and sustainability in agriculture in Middle Europe. Visit of Simmering Power Plant and the Meteorological Service in Vienna.
- **Wednesday:** Lecture for art and engineering by poster production. Visiting a folklore Wine cellar in Sopron's downtown for a common evening.
- **Thursday:** Visit of the Department of Building Services and Process Engineering and excursion to the Konrad Adenauer Foundation Budapest.
- **Friday:** Second visiting day at the BME Technical University Budapest for Skype lectures. Topics will include climate researching and building technology. After lunch: visiting the Embassy of the Federal Republic of Germany for the closing reception.

Apply to:

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Member of consortiums:

University of Sopron, Leuphana University Lüneburg LUL, University Vienna BOKU, Kraftwerk Simmering - Vienna, TU Budapest, Hungarian Academy of Sciences, Embassy of the Federal Republic of Germany, Konrad Adenauer Foundation Budapest