

## Tárgytematika / Course Description

### Urban engineering

EKNB\_KETA031

**Tárgyfelelős neve /**

**Teacher's name:** dr. Szakonyi Petra Krisztina

**Félév / Semester:** 2021/22/2

**Beszámolási forma /**

**Assesment:** Folyamatos számonkérés

**Tárgy heti óraszám /**

**Teaching hours(week):** 2/1/0

**Tárgy féléves óraszám /**

**Teaching hours(sem.):** 0/0/0

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### OKTATÁS CÉLJA / AIM OF THE COURSE

Objectives: To get acquainted with basics of urban planning, developmentnek and operation. Issues of land-use, infrastructure planing and environment will be emphasized

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### TANTÁRGY TARTALMA / DESCRIPTION

Functions of settlements, driving forces  
Land-use planning  
Spatial growth  
Relations between land-use and transport  
Urban development, regional development  
Infrastructure networks and development  
Sustainable settlements  
Test 1 (40 points)  
Public participation  
Role of local governments  
Site visit  
Smart cities  
Test 2 (20 points)

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### SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

The assignments are evaluated at maximum 30 points. A minimum of 16 points have to be reached. Two tests will be written during the term for max. 40 and 20 point. A minimum of 31 points has to be reached. Final mark: up to 50 points: 1, 51-64 points: 2, 65-74 points: 3, 75-84 points: 4, from 85 points 5.

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### KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Compulsory literature: pdf files of the presentaions and further reading on the Moodle site: [szelearning.sze.hu](http://szelearning.sze.hu)