

Tárgytematika / Course Description **Urban engineering**

EKNB_KETA031

Tárgyfelelős neve /

Teacher's name: dr. Szakonyi Petra Krisztina

Félév / Semester: 2023/24/2

Beszámolási forma /

Assesment: Folyamatos számonkérés

Tárgy heti óraszám /

Teaching hours(week): 2/1/0

Tárgy féléves óraszám /

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

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

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)

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.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Compulsory literature: pdf files of the presentations and further reading on the Moodle site: szelearning.sze.hu

AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL