

## Tárgytematika / Course Description

### Pedestrian and cycle traffic

NGM\_ET102\_1

**Tárgyfelelős neve /**

**Teacher's name:** dr. Makó Emese

**Félév / Semester:** 2020/21/1

**Beszámolási forma /**

**Assesment:** Vizsga

**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

The subject analyses the main characteristics of the pedestrian and bicycle traffic, and presents their supplies and demand. Sustainable road mobility means mobility that is more respectful of the environment than the vehicular traffic.

- Sustainable transport infrastructure
- Vulnerable road users and their needs
- Mobility management
- Soft and hard measures in order to promote pedestrian and bicycle traffic
- Planning bicycle transportation infrastructure in Hungary and in the EU, possibilities and challenges
- Improve road safety of cycling and walking
- Planning and design bicycle and pedestrian infrastructure

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### TANTÁRGY TARTALMA / DESCRIPTION

- Sustainable transport infrastructure

- Vulnerable road users and their needs
  - Mobility management
  - Soft and hard measures in order to promote pedestrian and bicycle traffic
  - Planning bicycle transportation infrastructure in Hungary and in the EU, possibilities and challenges
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### **SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD**

2 assignments: 20-20%  
written exam: 60%

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### **KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL**

Daamen, W, Hoogendoorn, SP, Bovy, PHL: First-order Pedestrian Traffic Flow Theory. Washington DC: National Academy Press, 2005: <http://www.pedestrians.tudelft.nl/publications/TRB05d%20tft.pdf>;

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