

Tárgytematika / Course Description Seismic design

EKNM_SETA026

Tárgyfelelős neve /

Teacher's name: Dr. Kegyes-Brassai Orsolya Katalin

Félév / Semester: 2023/24/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/1/0

Tárgy féléves óraszám /

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

OKTATÁS CÉLJA / AIM OF THE COURSE

Aim of the course is to provide extensive knowledge on the geotechnical aspects of seismic design based on previous BSc studies. Engineering approach and seismic design overview are aimed to be developed with giving comprehensive knowledge about the topics of soil dynamics, and seismic design. Students should be able to participate in geotechnical seismic design tasks based on their knowledge acquired in this course and their further practice.

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SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

midterm exam and 3 homework assignments and their presentation by students

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

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AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL