



Budapest University of Technology and Economics
Department of Structural Engineering

ATHENS PROGRAM

Course BME: Danube Bridges in Budapest

November 15, 2021 – Monday

9:00 – 9:15	K195	Opening meeting and Introducing BME	
10.30 – 12.30	K389	Opening the Course; <i>Lecture 1</i> History of Budapest Danube bridges	Prof. L. Dunai
14.00 – 16.00	K389	<i>Lecture 2</i> Types of bridges	Dr. N. Kovács
16.15 – 17.00	K389	<i>Lecture 3</i> Introduction of bridge design software	Dr. P. Hegyi
17.15 – 18.00	K389	<i>Practice 1</i> Application of design software	Mr. H. Borbély, Mr. Sz. Szinvai

November 16, 2021 – Tuesday

09.00 – 16.00		Tour to the Danube bridges by ship	Dr. P. Hegyi
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November 17, 2021 – Wednesday

08.30 – 10.00	ÉL111	<i>Lecture 4</i> Load testing of Danube bridges	Dr. B. Kövesdi
10.15 – 12.00	ÉL111	<i>Lecture 5</i> Tiszavirág bridge – pedestrian imposed vibration	Dr. L.G. Vigh
14.15 – 15.00	ÉL111	<i>Lecture 6</i> Optimal bridge design	Dr. P. Hegyi
15.15 – 17.00	ÉL111	<i>Practice 2</i> Bridge design practice 1	Mr. Sz. Szinvai

November 18, 2021 – Thursday

08.30 – 10.00	K364	<i>Lecture 7</i> Aesthetic and constructional bridge design	Prof. Gy. Farkas
10.15 – 12.00	K364	<i>Lecture 8</i> Pentele Danube bridge in Dunaújváros	Prof. A. Horváth
14.15 – 16.00	K364	<i>Practice 3</i> Bridge design practice 2	Mr. H. Borbély

November 19, 2021 – Friday

08.15 – 11.45	K144	Test	Dr. P. Hegyi
	K144	Presentation of bridge design	Dr. P. Hegyi
11.45 – 12.00	K144	Evaluation, closing	Prof. L. Dunai
16:00 – 18:00	K195	Farewell get together	

Batthyány tér boat port for Tuesday:

The boat trip on Tuesday will depart from Batthyány tér port. **Be prepared for a cold weather, and for your clothes to get dirty.**

Address: Batthyány tér, H-1011

Route from Avenue Hostel to Batthyány tér:

- 1) Take metro line M1 to “Deák Ferenc tér M” (3 stops in the direction of “Vörösmarty tér”)
- 2) Change to metro line M2
- 3) Take metro line M2 to “Batthyány tér” (2 stops in the direction of “Déli pályaudvar”)

