



MSc in Infrastructure Engineering
(Transport Infrastructure, Geotechnics and Water
Resources)

Programme coordinator

Prof. Attila Borsos

Faculty/departments

Faculty of Architecture, Civil and Transportation Engineering

Dean: Dr. János Szép, associate professor

7 departments

Department of Transport Infrastructure and Water Resources

Head: Dr. Attila Borsos, full professor, Room C401

Department of Structural and Geotechnical Engineering

Head: Dr. János Szép, associate professor, Room D405

Department of Transportation

Head: Dr. Balázs Horváth, full professor

(plus 3 Departments in the field of Architecture, and Department of Logistics and Forwarding)

Study programme

- 3 semesters (1.5 years) since 2009 in Hungarian
- Since 2014 in English

Number of students:

- English programme ~15 students
- Hungarian part-time ~50-70 students

Study programme

Subjects	Semester		
	1	2	3
Natural Sciences (9 credits)			
Numerical methods	4/5 e		
Mechanics for Civil Engineering	3/4 e		
Economic and human sciences (4 credits)			
Engineering publication and presentation	2/2 e		
Engineering Ethics	2/2 a		
Professional subjects (24 credits)			
Sustainable settlements and transport	3/4 e		
Road and railway construction	3/4 e		
Hydraulic engineering	3/4 e		
Earthworks	3/4 e		
Bridge construction		3/4 e	
Tunnels		3/4 e	
Diploma thesis (20 credits)			1/20

Study programme

Subjects	Semester		
	1	2	3
Compulsory courses (18 credits)			
Road design and traffic engineering		3/4 e	
Road pavements			3/4 e
Case studies in railway construction			3/3 a
Geotechnical structures and technologies		3/4 e	
Case studies in geotechnics			3/3 a

Study programme

Subjects	Semester		
	1	2	3
Elective courses (15 credits should be obtained)			
Geotechnical design I.		3/4 e	
Geotechnical design II.			3/4 e
Railway track diagnostics		3/4 e	
Traffic safety			3/4 e
Civil 3D			
Soil investigation and testing		3/4 a	
Seismic design		3/4 e	
Advanced soil mechanics			3/4 e
Road construction materials		3/4 e	
Pedestrian and cycle traffic		3/4 e	
CULTURE Connects			0/2 a
Blue-green infrastructure			3/4 a
BIM for infrastructure		2/3 a	
Geoenvironmental modeling		3/4 a	
Sustainable Water Resources Management		3/4 a	
Exchange course		0/3 a	0/3 a
Innovation and research communication I.		0/5 a	0/5 a
Innovation and research communication II.		0/5 a	0/5 a

Neptun

http://neptun.sze.hu/

Browser address bar: <https://netw8.nnet.sze.hu/hallgato/login.aspx>

Navigation: Keresés: from | Előző | Következő | Beállítások ▾

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 NEPTUN_Users guide for Students.pdf
(12/9/2011 10:06:34 AM)

Moodle

<https://szelearning.sze.hu>

The screenshot shows a web browser window with the URL <https://szelearning.sze.hu/course/view.php?id=215>. The page is the Moodle interface for the course 'Engineering publication and presentation (EKNM_KETA045)'. On the left is a sidebar menu with the course title and various navigation options. The main content area displays the course title and a list of activities and resources.

Course Title: Engineering publication and presentation (EKNM_KETA045)

Breadcrumbs: Dashboard / My courses / Engineering publication and presentation (EKNM_KETA045)

Course Activities and Resources:

- Forum
- 1st assignment
- 1st assignment - thesis abstract
 - Upload here your two-page thesis abstract in a word file!
- 2nd assignment - thesis review
 - Upload here your thesis review. Use the assessment form excel file!
- Test
- KETA045 course schedule (updated on October 12)
- Oral presentation evaluation
- PPT slides
- students evaluation final

Course Menu (Left Sidebar):

- Engineering publication and presentation (EKNM_KETA045)
- Participants
- Badges
- Competencies
- Grades
- General
- Introduction
- Literature review
- Writing a paper (1)
- Writing a paper (2)
- Oral presentation (1)
- Oral presentation (2)
- CV + cover letter

Some general recommendations

The MSc programme:

- up-to-date knowledge
- complex tasks
- international / European practices

- Please find your strengths
- Ask for individual tasks in your favourite field
- Diploma thesis: start early (choose a topic)

Multidisciplinary Doctoral School in Engineering Sciences

Authorized to give PhD titles in

- Civil Engineering
 - Transportation Engineering
 - Information Technology
-
- (4 years)

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- Ad Center
- Create Ads
- Create Automated Ads
- Boost Post
- Boost Instagram Post
- Link WhatsApp
- Meta Business Suite 3 new

MSc Civil Engineering SIU Gyor

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Get Started

Intro

This MSc program will provide students with the technical

Posts

MSc Civil Engineering SIU Gyor

March 7 · 🌐

More info here:
<https://tdk.sze.hu/for-international-students>

Scientific and Artistic Students' Association and Conference

SCIENTIFIC AND ARTISTIC STUDENTS' ASSOCIATION AND CONFERENCE



Questions

Coordinator:

Attila Borsos, C402, borsos.attila@sze.hu

Mentor:

Andrea Lazányi, C401, lazanyi.andrea@sze.hu