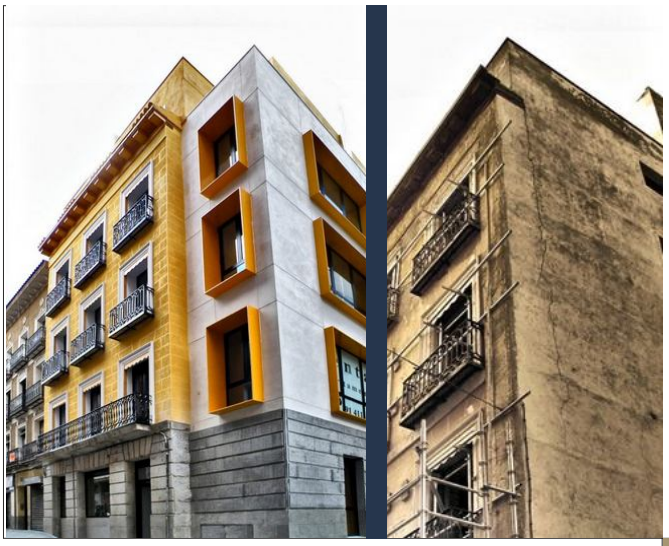
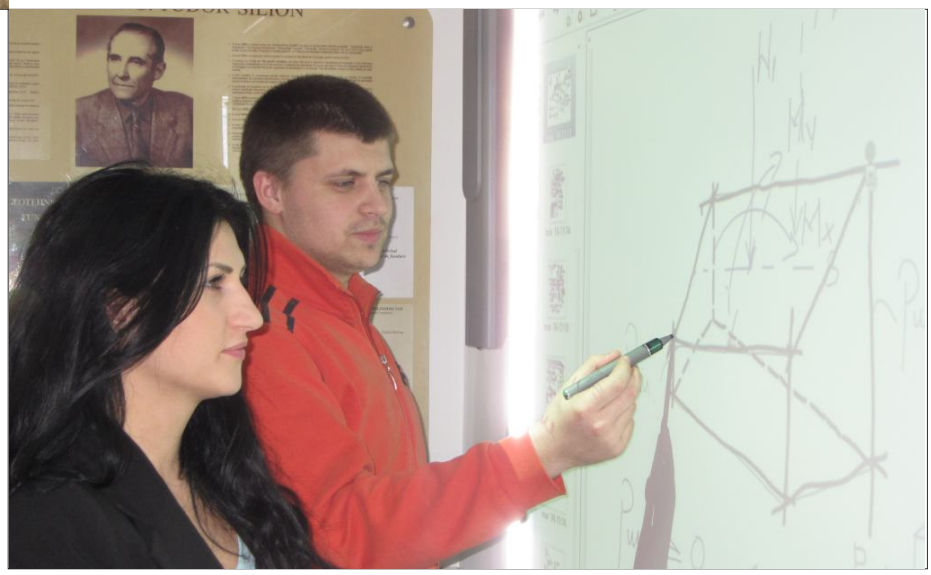
Faculty of Civil Engineering and Building Services



„Gheorghe Asachi"
Technical University of Iasi



Civil Engineering

Rehabilitation and Safety of Civil Engineering Structures

Why?

Like anything else in nature, living bodies, plants or trees, buildings are getting old as well. The causes of their aging are all the environmental actions that leave a print on the materials they are made of. There are also other things causing buildings' aging such as: lack of maintenance and other actions that extend the daily normal, such as land slides, floods, wind and heavy earthquakes.

Rehabilitation and Safety of Civil Engineering Structures

Do I **like it**?

- Yes, as everything surrounding us must be preserved for our successors to enjoy the predecessors' creations.
- Yes, if we are going to consider the buildings as part of our day-to-day life, where we spend the greatest part of our time, be it at work, having fun or staying with the family.
- Yes, as, without a safe shelter, we cannot survive all the ups and downs of nature.
- Yes, if we are going to find new solutions for buildings safety.

Strong **points**

- You will complete the knowledge acquired during the years of study for becoming civil engineer. You will be able to look at a building with a specialist's eye.
- You will be able to offer immediate solutions at buildings problems, taking into consideration the elements of hygro thermal comfort up to structural consolidation as well as ensuring the safety conditions versus extraordinary actions.
- You will learn new things about buildings' modelling, will learn to work with new computer programmes and will find out more about the new technologies within the field.
- You will also approach the field of scientific research, you will develop even more the creativity, opening new horizons of technical qualification.
- And, why not, you will enjoy the student life again.

Employment opportunities

- Companies in the field of constructions (structural and technological design, rehabilitation of structures, monitoring the buildings' behaviour in time).
- Entrepreneurship in the field of constructions, providing the project management for the rehabilitation of civil engineering structures.
- Access to professional associations within the field, for quality control and verifying of constructions, offices of local and central authorities.
- Opportunity to receiving a professional attestation in the field of Constructions' Strength and Stability.

Admission information

- The Master programme lasts 2 years and begins on the 1st of October 2013.
- Admission is scheduled to take place during the June and September sessions.
- The programme is offering 50 places financed by the budget.
- Accommodation for Master students is provided in university halls of residence. Master students can apply for performance scholarships.
- Student selection will be done according to the admission results, calculated as follows:

$$MA = 0{,}5\ ML + 0{,}5\ MT$$

where

ML – represents the final mark for the bachelor studies
MT – represents the mark at the oral examination

For further information and contact details:
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