

## *Some of the Ongoing Research Projects*

- Seismic Design of infilled frame structures



- Seismic Vulnerability Potential of Urban Area
- Mechanical Stability and Functionality of Municipal Landfills
- Evaluation of the Correlation between Investment Projects and the Environment

We feel free to offer you different types of cooperation, such as work on subjects and projects of common interest, exchange of scholars and students, joint publications, exchange of information and other activities in order to improve the academic cooperation.



*Josip Juraj Strossmayer*  
*University of Osijek, Croatia*

*More than **30** years of high education*

*More than **500** bachelors of Science in CE*

*More than **1500** bachelor's degrees in CE*

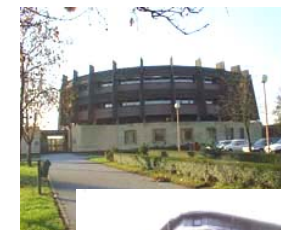
*More than **10** masters and doctors of  
Technical Sciences*

*Josip Juraj Strossmayer*  
*University of Osijek, Croatia*

### **Faculty of Civil Engineering Osijek**

Drinska 16A,  
Crkvena 21  
31000 Osijek, Croatia  
Phone: +385 31 540 070  
Fax: +385 31 540 071  
[www.gfos.hr](http://www.gfos.hr)

**Quick Facts**  
*about the*  
**Faculty of Civil  
Engineering  
Osijek**



[www.gfos.hr](http://www.gfos.hr)

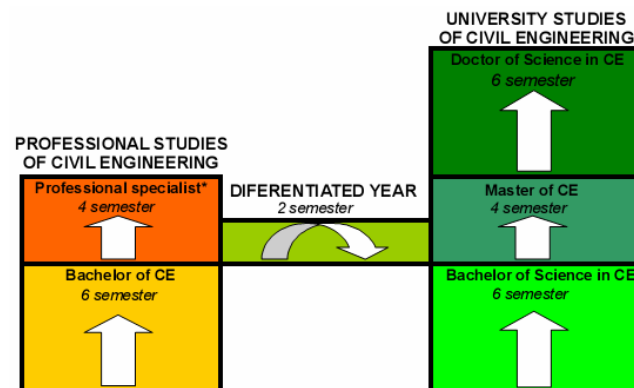
## About the Faculty



The history of Civil Engineering Faculty in Osijek reaches back to 1967, when the department of the High technical College from Zagreb was established in Osijek. It was the result of big efforts and aspirations of civil engineering experts of the time, but also a practical response to the increasing construction demands in the area of Slavonia-Baranya region. The High Technical School of University of Osijek was founded in 1976 as an independent University member. In more than 30 years of its dynamic development, the Faculty of Civil Engineering brought about many different study programs of undergraduate and graduate university studies. In 2001 the first generation of postgraduate master's studies was enrolled and in 2005 the modern civil engineering studies were conformed to the Bologna Declaration at all levels - university undergraduate, graduate, postgraduate (doctoral and specialist), and the professional studies.

## About the Academic Programs

We are striving to increase the number of students and study programs. Therefore, we have initiated a strategic project to design and build a new faculty building. It will enable further development and better educational, scientific and professional work. This increasing number of students and study programs is the main reason why we are looking forward to move in a new modern faculty building which should happen in the next few years. In this sense, we also launched an initiative to establish undergraduate studies of architecture.



Students' mobility at the Faculty



## Research Areas

### Materials and structures

- modern concepts of composite engineering structure design
- structural analysis and design of structures
- fire resistance of structures

### Geology, geotechnical engineering, survey, road construction

- alternative materials for road construction
- landslides engineering geology
- cartography, web-technology
- geosynthetics in geotechnical engineering, in situ soil testing

### Technical and experimental mechanics

- earthquake engineering
- structural stability
- structural dynamics,
- testing of structures

### Construction management

- quality management in construction projects
- facility management

### Hydrotechnics

- drainage and irrigation
- hydrotechnic systems and Water management
- sanitary hydrotechnic
- water management and environmental protection

### Architecture

- passive solar design in architecture and building physics
- industrial architecture, protection of architectural heritage
- contemporary architecture
- traditional to modern architecture transformation
- INTERREG