

FINAL DEGREE PROJECT PROPOSAL FOR INCOMING INTERNATIONAL STUDENTS

2016-2017

Theme of the final degree project	Design of Reinforced Concrete Structures in Seismic Regions
Brief description of the project	Structural design of a multi-storey reinforced concrete structure, composed of frames+walls, located in high magnitude seismic region
Field of study¹	0732 – Building and Civil Engineering
Level of studies	<input checked="" type="checkbox"/> Bachelor <input type="checkbox"/> Master <input type="checkbox"/> PhD
Type of project	<input type="checkbox"/> Individual project <input checked="" type="checkbox"/> Team project <input type="checkbox"/> Joint project (university + company _____). <input type="checkbox"/> Other: _____
Number of places available for incoming international students	2
Teaching staff member to host the student(s)	Name: Sorin DAN
	Contact details: sorin.dan@upt.ro
Host department / laboratory / institute / company	Dept. of Civil Engineering
Requirements (competences, skills, completed coursework, etc.)	- Courses: Strength of Materials; Statics; Earthquake Engineering; Concrete Structures Design - Skills: Computer Aided Design and Drawing
Working language(s)	English
Tasks of the student(s)	1. General detailing of the structure 2. Design and detailing of the horizontal structure 3. Design and detailing of the vertical structure 4. Design and detailing of the foundation system
Expected skills to be acquired during the internship	Seismic Analysis, Design and Detailing of Multi-storey Concrete Structures
Evaluation method	Public presentation
Duration of the project	3 months
Period of the project	March-June 2017
Financial aspects	<input checked="" type="checkbox"/> Unpaid internship <input type="checkbox"/> Paid internship. Details: _____
Other observations	

¹ Please select a code from: <http://www.upt.ro/img/file/Erasmus+/Anexa%20ISCED.pdf>