

**FINAL DEGREE PROJECT PROPOSAL
FOR INCOMING INTERNATIONAL STUDENTS
2016-2017**

Theme of the final degree project	Structural Assessment and Rehabilitation of an Existing Concrete Structures in Seismic Regions
Brief description of the project	Structural assessment and rehabilitation of an existing concrete structure, composed of frames+walls, located in high magnitude seismic region
Field of study¹	0732 – Building and Civil Engineering
Level of studies	<input type="checkbox"/> Bachelor <input checked="" 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; Structural Rehabilitation Methods - Skills: Computer Aided Design and Drawing
Working language(s)	English
Tasks of the student(s)	1. Structural assessment of existing structures 2. Seismic analysis of existing structures 3. Analysis of different rehabilitation methods 4. Design and detailing of the structural rehabilitation method
Expected skills to be acquired during the internship	- Assessment and Analysis of an Existing Concrete Structures - Design and Detailing of Structural Rehabilitation Solutions for Existing 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>