

T15005-TRAINEESHIP AT DEPARTMENT OF ENGINEERING AND ARCHITECTURE**PERIOD: any period****Università di Parma**

TRAINEESHIP INFORMATION	
Department/Office	Department of Engineering and Architecture
Responsible person for this placement	Prof. Roberto BRIGHENTI Prof. Gabriele TEBALDI
Contact e-mail	internship@unipr.it
Description of activities	<p>Nowadays civil engineering is facing new challenges related with the new global economic situation and with climatic changes. It force engineer to identify new design techniques and to use high performances materials; it require more in depth knowledge and new skills and optimization of engineering structures that must be found in a modern and international education program.</p> <p>For the above-mentioned reasons D.I.C.A.T.e A. set an international traineeship program to allow students to do a series of activities to allow the students to apply and to develop their background in the following area:</p> <ul style="list-style-type: none">▪ design and simulations of advanced civil engineering materials,▪ design and analysis of advanced structures▪ design of hydraulic plants▪ design of infrastructures. <p>All these activities are related to ongoing research projects and are composed by theoretical studies and activities in the Department's laboratories.</p>
Working language	English and Italian (B2-CEFR)
Location	Parco Area delle Scienze 181/A
Number of available placements	3 students/year

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Duration (2 months minimum- 12 months maximum)	6 minimum – 12 maximum
Working hours / week	Timetable will be decided with the students in agreement with the specific project where they will be involved
Period	Any period

Accommodation	The office supports students in finding accommodation in Parma U.O. Accoglienza e Orientamento Università di Parma Vicolo Grossardi 4 43125 Parma – Italy e-mail welcome@unipr.it phone: 0039 0521 904150 / 904632
Internship grant	No financial contribution. Students must apply for a Grant at their home institution/country.

COMPETENCES, SKILLS AND EXPERIENCE REQUIREMENTS

Competences required	Mechanics of materials and structures Hydraulic Infrastructures design (road pavements)
Degree (Master, PhD, Post Doc)	Master, PhD, Post Doc

DOCUMENTS REQUIRED**Interested students must send by email asap, the following documentation:**

Presentation letter	Curriculum Vitae	Academic certificates
X	X	X

Additional notes

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The choice of the subject area in which the student will be involved (structure, hydraulic or infrastructures) during his/her stay will be decided on the basis of a preliminary skype interview.

PLEASE MENTION THE TRAINEESHIP NUMBER WHEN YOU APPLY