

**Open selection for admission to Doctoral studies (PhD) at the University of Calabria  
(XXVI CYCLE)**

***Information (summary) for foreign students***

This document is a short summary of the official statements available in the Official Journal of the Italian Republic and in the **call for applications** (you can download the Italian version of the call for application at the following link: <http://unical.ugmanager.it/>).

**This summary is provided only in order to assist non-Italian candidates during the application and selection procedures for doctoral studies.**

**QUALIFICATIONS/REQUIREMENTS FOR PhD COMPETITIVE EXAMINATION**

**Doctoral studies are open to candidates without any restriction on age and citizenship.**

The main requirement for participating to the selection procedure for admission to doctoral studies is the possession of a **second-level University degree of the Italian Education System**, generally equivalent to a Master degree.

**Candidates must obtain the degree before the deadline for applications.**

**ADMISSION PROCEDURE**

The application for admission must be done through both the **online procedure and postal mail**.

Applicants are requested to properly fill-in the online application form available at the following link: <http://unical.ugmanager.it/> (The English version of the application form is available down Italian version). Along with filling in the online application form, applicants are also requested to send by postal mail the application form printed and **duly signed**.

**DECLARATION OF EQUIVALENCE**

Candidates with academic degree awarded by a foreign University, not officially declared equivalent to the Italian academic degree, must fill in the form “Declaration for equivalence” (see **Addendum A** below), sign and send it, together with their documents, **within the deadline for applications** (postmark date) at the following address:

AL MAGNIFICO RETTORE DELL’UNIVERSITÀ DELLA CALABRIA  
VIA PIETRO BUCCI  
87036 - ARCAVACATA DI RENDE (CS) - ITALY

The dossier must be sent by recorded delivery with acknowledgement of receipt, or preferably by courier.

**Candidates must attach to the form the following documents:**

- a) a signed photocopy of the candidate’s **personal document** (passport or ID card);
- b) a copy of the University **academic degree** in their original language and its legalised translation into Italian or English;
- c) a final **University transcript**, including denominations of the courses taken, the marks received and the date of the award of the degree and its legalised translation into Italian or English;
- d) if in possession, the “**dichiarazione di valore**”, issued by the Italian Embassy or Consulate. The “dichiarazione di valore” is a document certifying that the academic degree has legal validity in the country where it was obtained. The declaration should also specify that the academic degree was delivered after a full first + second level University curriculum (a total of at least 4 years) and that it is a qualifying title for being admitted to doctoral studies. If the first-level and second-level degrees are obtained in two different Universities, only a certification about the second level degree is required, though the “Dichiarazione di valore” should mention the full University curriculum - for instance that the Master degree was obtained after 5 years of university studies and that the first-level degree had been previously obtained in another university.  
Only successful candidates will have to deliver the “dichiarazione di valore”, if not submitted yet, within a period of time agreed with the Administration.
- e) one or more **letters of introduction (references/recommendation letters)** of your university.

## EXAMINATION PROCEDURE

The standard competition for admission to doctoral courses can be of two kinds:

A) by qualification and examinations (written and oral);

B) by qualifications and oral examination.

In the first case A), candidates will have to travel to Italy in order to take the admission exams. In many cases candidates are allowed to take the exams in English (see the call for application).

In both the cases of competition A) and B) students will be required to send **a list of qualifications as specified for each Doctorate in the call for application**. Usually, they include curriculum vitae dated and signed, the graduation mark, a research project, a list of publications in the international format, a copy of the above mentioned publications, any other documents or qualifications useful for the selection.

All documents must be sent by recorded delivery with acknowledgement of receipt, or preferably by courier, at the following address: Al Magnifico Rettore dell'Università della Calabria - Via Pietro Bucci - 87036 - Arcavacata di Rende (CS) - ITALY.

The documents have to be sent together with the ones requested for the Declaration of Equivalence (**within the deadline for applications**).

Scholarships<sup>1</sup> will be awarded to successful candidates following the merit ranking order. On the basis of the number of available positions and scholarships: candidates with a high position in the ranking will gain a scholarship; if their position in the ranking is lower, they will be admitted to the course without scholarship; candidates with a low position in the final ranking won't be admitted to the course.

## HOW TO APPLY?

- 1- Click on the following link: <http://unical.ugmanager.it/>
- 2- Enter your name, surname and date birth. At the end of the procedure, you obtain your password by email. You can use this password in order to change some data in the call application form on-line.
- 3- Follow the instructions and complete your application, paying attention to indicated field in Italian and English.
- 4- Print the application form.
- 5- Send the application form, dated and signed, together with above required documents.

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<sup>1</sup> The amount of the fellowship is € 13.638,47 per year. This amount can be increased up to 50% for PhD student who decide to spend a period of time abroad (maximum 18 months in the three-year PhD course).

**ADDENDUM A**

**To the Rector of  
the University of Calabria  
Via Pietro Bucci  
87036 Arcavacata di Rende (CS) - ITALY**

**The undersigned**

<b>SURNAME</b>	<input type="text"/>
<b>NAME</b>	<input type="text"/>
<b>BIRTHPLACE</b>	<input type="text"/>
<b>DATE OF BIRTH (DD/MM/YYYY)</b>	<input type="text"/>
<b>CITIZENSHIP</b>	<input type="text"/>

**IN ORDER TO BE ADMITTED TO THE COMPETITION FOR A PHD POSITION IN**

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**ASKS**

**FOR THE DECLARATION OF EQUIVALENCE TO THE ITALIAN TITLE  
OF THE FOLLOWING FOREIGN ACADEMIC TITLE:**

**ACADEMIC DEGREE**

**ISSUED BY THE  
UNIVERSITY OF**

**COUNTRY**

**DATE**

**FOR THIS PURPOSE, THE FOLLOWING DOCUMENT ARE  
ATTACHED:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**DATE**       **SIGNATURE** \_\_\_\_\_

**SPECIAL OPPORTUNITIES OF DOCTORAL STUDIES (PHD) FOR FOREIGN STUDENTS  
(ACADEMIC YEAR 2010/2011)**

1) The Doctorate School in **Scienza e Tecnica Bernardino Telesio** provides n. 4 (four) doctoral positions with scholarship for foreign candidates.

**Call:** Italian O.J. n. 86 of 29<sup>th</sup> October 2010

**Deadline:** 29<sup>th</sup> November 2010 (**The application form online will be available until 12:00 a.m.**)

**Administrative location:** University of Calabria

**Number of available positions:** n. 12 (twelve) positions (six of which without scholarship)

**Number of scholarships:** n. 6 (six) scholarships (four of which reserved to foreign candidates). The amount of scholarship is determined according to current Italian legislation. The amount of the fellowship is € 13.638,47 per year. This amount can be increased up to 50% for PhD student who decide to spend a period of time abroad (maximum 18 months in the three-year PhD course).

**Duration:** 3 years

**Research Areas:**

Unical Physics Department scholarship: 3 (three)

Areas of interest:

- 1) Effetti tutto ottici in strutture diffrattive liquido cristalline composite;
- 2) Optical properties metamaterials based on liquid crystals and metallic nanoparticles;
- 3) Inorganic methods in fine chemistry and biochemistry.

MIUR scholarship: 2 (two)

Areas of interest:

- 4) “Materiali avanzati (in particolare ceramici) per applicazioni strutturali” - research project: New organometallic molecular and supramolecular sensitizers for photovoltaic applications.
- 5) “Rilancio dell’industria farmaceutica anche attraverso la chimica fine dei composti naturali per nuove applicazioni diagnostiche e nuovi principi attivi” - research project: Integrated membrane operations for the development of formulations of pharmacological interest;

Laboratorio Licryl, Istituto per i Processi Chimico-Fisici - CNR scholarship: 1 (one)

Area of interest:

- 6) Proprietà di biomolecole alle interfacce.

**The above scholarships n. 2), 3), 4) and 5) are reserved to foreign candidates.**

Areas of interest of the positions without scholarship:

- 1) Simulazioni numeriche e modellizzazione del trasporto di inquinanti in atmosfera;
- 2) Theoretical investigation and computer modelling on structure-property relationships related to organic solute rejection from aligned carbon nano-tubes and on interactions among nanoparticle surfaces and polymer functionalities;
- 3) Preparazione, caratterizzazione e applicazione di membrane idrofiliche nanostrutturate mediante microemulsione bi continua;
- 4) Molecular systems, mesophases and mesomorphic materials, computational mechanics;
- 5) Antitumoral effect of HMGC<sub>o</sub>A inhibitors of bergamot;
- 6) Interaction by estrogens and ER and  $\beta$  receptors by MALDI-TOF/TOF.

**Examination Procedure:** Qualification and oral examination. Candidates wish to be interviewed through **videoconference** must submit a request by e-mail at the following address: [eliana.zicarelli@unical.it](mailto:eliana.zicarelli@unical.it). Candidates will be allowed to choose English language for the interview, which will be focused on the research project and will check candidates' attitude to the research activity.

**The composition of Commission and the evaluation results will be published on [www.unical/portale/ricerca/dottorati](http://www.unical/portale/ricerca/dottorati).**

**Documents for qualification:** Curriculum Vitae available on web site [www.fis.unical.it/telesio](http://www.fis.unical.it/telesio), research project in Italian or English language (max 3 pages), publications

**These documents must** be sent by recorded delivery with acknowledgement of receipt, or preferably by courier, at the following address: Magnifico Rettore dell'Università della Calabria - Via Pietro Bucci - 87036 Arcavacata di Rende (CS) - ITALY, together with the other documentation requested in the call (application form, declaration of equivalence, a signed photocopy of the candidate's personal document, a copy of the University academic degree in their original language and its legalised translation into Italian or English, a final University transcript, including denominations of the courses taken, the marks received and the date of the award of the degree and its legalised translation into Italian or English, references).

**IMPORTANT NOTE: All the documents have also to be sent at the following e-mail address: [eliana.zicarelli@unical.it](mailto:eliana.zicarelli@unical.it) within the deadline of the call.**

**Contacts:** for further information on the PhD program, thematic areas for interest, applicants may contact the Director of the School, **Prof. Roberto Bartolino, e-mail: [bartolino@fis.unical.it](mailto:bartolino@fis.unical.it)**. For further information about available grants and admission procedure applicants may contact **Dott.ssa Eliana Zicarelli, e-mail: [eliana.zicarelli@unical.it](mailto:eliana.zicarelli@unical.it)**.

2) The **PhD Schools and Course of the University of Calabria** provide n. 7 doctoral positions with scholarship for Italian and foreign candidates (**4 (four) of which reserved only to candidates resident in Calabria**).

**Call:** Italian O.J. n. 90 of 12<sup>th</sup> November 2010

**Deadline:** 2<sup>th</sup> December 2010 (**The application form online will be available until 12:00 a.m.**)

**Administrative location:** University of Calabria

**Number of available positions:** n. 15 doctoral positions (8 of which without scholarship)

**Number of scholarships:** n. 7 (seven) (**4 (four) of which reserved only to candidates resident in Calabria**). The amount of scholarship is determined according to current Italian legislation. The amount of the fellowship is € 13.638,47 per year. This amount can be increased up to 50% for PhD student who decide to spend a period of time abroad (maximum 18 months in the three-year PhD course).

**Duration:** 3 years

**Additional information for the Doctoral School in Systems Engineering, Informatics, Mathematics, Operations Research – PhD in Systems Engineering and Informatics**

Research Areas

Department of Electronics, Informatics and Systems (DEIS) - Microwave Laboratory scholarship: (1) position covered by scholarship

Areas of Interest:

Applied Electromagnetics, Microwave/Millimeter wave engineering.

Project description: Integrated antenna systems for millimeter wave applications; integration of multifunctional SiGe-BiCMOS modules along with passive radiators for the development of reconfigurable ICs for phased array antenna systems operating in the 30-64 GHz range

Department of Electronics, Informatics and Systems (DEIS) – 3 (three) positions one of which covered by scholarships reserved to Calabria residents

Areas of Interest : All areas within of interest of the PhD Course in Systems and Computer Engineering, that are, Computer Engineering, Telecommunications, Automatic controls, Electronic measurements, Electromagnetic fields, Converters and electric machines, Numerical analysis

**Contacts:** for further information on the PhD program, thematic areas of interes, applicants may contact the Coordinator of the Course, indicated in the call (Annex A).

For further information about available grants and admission procedure applicants may contact **Dott.ssa Eliana Zicarelli, e-mail: [eliana.zicarelli@unical.it](mailto:eliana.zicarelli@unical.it)**