In view of the Statute of Autonomy of the University of Calabria;
In view of the University Regulations;
In view of the University Didactic Regulations;
In view of the Regulations for the Administration and Accounting;
In view of the Regulation of the Doctoral Programmes of Research of the University of Calabria, issued by Rector’s Decree no° 1330 of 3 July 2013, and new additions and/or modifications;
In view of the Law no° 104 of 5 February 1992, and subsequent modifications and additions of Law no° 17 of 28 January 1999 providing rules in the field of “Assistance, social integration and rights of disabled people”;
In view of the Decree of the President of the Republic no° 445 of 28 December 2000 “Testo Unico delle disposizioni legislative e regolamentari in materia di documentazione amministrativa” (Law containing provisions relating to administrative documentation);
In view of the Law no° 148/2002 “Ratification and implementation of the Convention on the Recognition of Qualifications concerning Higher Education in the European Region, signed in Lisbon on 11 April 1997, and adjustment of internal standards” and in particular article 2 which gives competence to the University to recognize the entry qualification to obtain the PhD;
In view of the Legislative Decree no° 196 of 30 June 2003 “Code regarding the protection of personal data”;
In view of the Ministerial Decree no° 270 of 22 October 2004 “Modifications to the Rules concerning the teaching autonomy of Universities, approved by Decree of the Ministry of University, Scientific and Technologic Research no° 509 of 3 November 1999”;
In view of the Law no° 136 of 13 August 2010 “Piano straordinario contro le mafia, nonché delega al Governo in materia di normative antimafia”, in particular the article 3 about the traceability of financial flows;
In view of the Legislative Decree no° 167 of 14 September 2011 “Testo Unico dell’Apprendistato” ex art. 1 c. 30 Law no° 247 of 24 December 2007 (Law containing provisions relating to apprenticeship);
In view of the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data;
In view of the Law no° 210 of 3 July 1998, in particular the article 4 concerning the regulation for PhD Programmes;
In view of the Law no° 240 of 30 December 2010, in particular the article 19, containing provisions for PhDs;
In view of the Ministerial Decree no° 45 of 8 February 2013 “Regulation procedures for accrediting universities and PhD courses and the criteria for implementing Doctorate courses by credited institutions”;
In view of the Ministerial Decree Prot. no° 628 of 19 August 2014 about accreditation;
In view of the Ministerial Decree no° 976 of 29 December 2014 concerning the “Fondo per il sostegno dei Giovani e favorire la Mobilità degli Studenti - FGMS, ai sensi dell’art. 1 del D.L-decreto-legge 9 maggio 2003 n. 105, convertito dalla legge 11 luglio 2003 n. 170”;
In view of the Ministerial Decree no° 40 of 25 January 2018 with which the annual amount of the grant to attend Ph.D. courses has been established at € 15,343.28 gross, including social security expenses to be paid by the payee;
In view of the memorandum from the Ministry of Education, University and Research of 11 March 2019 concerning the “Declaration of value” of qualifications released abroad and the procedures for entry, residence and enrolment of foreign/international students for higher education courses in Italy during the 2019-2020 academic year;
In view of the proposals to set up PhD programmes - 35th cycle - academic year 2019/2020 with administrative seat at the University of Calabria, presented by the University Departments;

In view of the note by MIUR, Ministry of Education, University and Research, Prot. no° 3315 of 1 February 2019 concerning “New lines for the accreditation of Ph.D. courses”;

In view of the note by MIUR, Ministry of Education, University and Research, Prot. no° 9106 of 14 March 2019 concerning “Operative indications on the Ph.D. accreditation procedures for academic year 2019/2020 - 35th cycle”;

In view of the meeting of 14 March 2019, of 26 March 2019 and 16 April 2019 of the Board of Directors and the meeting of 18 March 2019 of the Academic Senate;

In view of the meeting of 17 April 2019 of the Evaluation Centre concerning the accreditation of the 35th cycle PhDs at the University of Calabria as administrative seat;

In view of the results of the ANVUR examination of the proposals for the activation and accreditation of the PhD courses for 35th cycle;

In view of agreements stipulated with other Italian and foreign institutions, as well as foreign countries;

In view of specific international mobility programmes, in order to finance grants;

In view of the resolutions of the Departments of the University of Calabria to finance grants;

In view of the European “Principles for innovative doctoral training” (Report of mapping exercise on Doctoral Training in Europe “Towards a common approach” of 27 June 2011) for the development of Innovative PhD Courses, characterized by an international, interdisciplinary and intersectorial profile in line with the Italian Programma Nazionale per la Ricerca 2015-2020, the Programma Operativo Nazionale Ricerca e Innovazione 2014 – 2020 (CCI 2014IT16M2OP005);

In view of the Programma Operativo Regionale Calabria FSE/FESR 2014 – 2020 (CCI 2014IT16M2OP006);

In view of the Resolution of the Council of the Calabrian Region no° 305 of 9 August 2016 “POR Calabria FESR/FSE 2014/2020 - Approvazione Linee di Indirizzo del Progetto Strategico Regionale “CalabriAltaFormazione - Valorizzazione e sviluppo del sistema universitario, dell’AltA Formazione Artistica, Musicale e coreutica e della Ricerca in Calabria”;

In view of the Decree of the Calabria Region no° 1781 of 13 March 2018 concerning the approval of the ranking relating to the International Mobility Program referred to the previous point;

In view of the Agreement no° 1006 of 30 March 30 2018 signed between the Calabria Region and the University of Calabria on the International Mobility Program financed with funds POR Calabria FSE/FERS 2014-2020;

In view of the Rector’s Decree no 1932 of 6 December 2019 concerning the assignment of no° 28 over no° 56 PhD fellowships financed by the funds of the POR Calabria FSE/FE 2014-2020 (Agreement 1006/2018) for the 34th cycle of PhD course and the waiver of the one scholarship by a beneficiary;

In view of the Rector’s Decree no° 910 of 28 June 2019 regarding “Disposizioni relative a tasse universitarie, contributi ed esoneri a.a. 2019/2020” (Decree containing provisions relating to Contract Fees Office);

In view of the Identification Project Number (CUP) H21G18000170006 related to grants funded by the funds of the POR Calabria FSE/FERS 2014-2020;

In view of the Rector’s Decree no° 1117 of 26 July 2019 concerning the re-assignment of the thematic of 28+1 PhD fellowships financed by the funds of the POR Calabria FESR-FSE 2014/2020 among the PhD courses, approved by Calabria Region with note Prot. no° 19644 of the 29 July 2019;

In view of the Rector’s Decree no 1142 of 31 July 2019 relating to University budgetary changes;

In view of the Rector’s Decree no 1143 of 31 July 2019 regarding the award of additional grants financed by external bodies and Departments of the University;

In view of PEC of 2 August 2019 (Prot. No° 20298 of 5 August 2019) of the Calabria Region, concerning the verification of compliance with the FSE regulations and the conformity of this Call for Application with the constraints set by the guidelines (Linee Guida);

Assessed that the funding for the scholarships of this Call for application will be provided on the University budgetary chapter:

COAN CA.04.02.01.01 “Dottorato di ricerca” budgetary constraints:

- Amministrazione centrale - no° 996 and no° 1018/2019;
• Dipartimento di Ingegneria Informatica, Modellistica, Elettronica e Sistemistica – no° 997-998-999/2019;
• Dipartimento di Farmacia e Scienze della Salute e della Nutrizione – no° 744/2019.

COAN CA.04.02.01.02 “Dottorato di ricerca finanziato da enti”: budgetary constraints: Amministrazione centrale no° 1013-1015-1016/2019 and no° 711/2019 (Progetto POR_Calabria_FESR_FSE_2014_2020_DOTTORATI);

Assessed

the financial availability within the Departments budgetary concerned the additional scholarships and the sum of at least 10% of the cost of the PhD scholarship for research activities of their PhD students;

Considering

the necessity to establish and consequently issue, pending the publication of the accreditation decrees of Ph.D. courses by the Ministry or Education, the call for applications for admission to the 35th cycle PhDs at the University of Calabria;

DECREE

Art. 1
(Implementation)

1. Pending the publication of the accreditation decrees of Ph.D. courses, cycle XXXV, by the Ministry of Education in compliance with the dispositions of the Ministerial Decree 45/2013, a public competitive examination at the University of Calabria is hereby announced for admission to the PhD courses mentioned in the “Annex A - Analytical Tables - PhD courses 35th cycle - Academic Year 2019/2020”, which is an integral part of this call for applications.

2. The activation of the PhD courses and the enrollments are subject to the issuance of the Accreditation Decree by the MIUR.

3. For each PhD course, Annex A provides the following information: the Coordinator, the duration, the relevant Department and any other Department that may be involved, the Subject Areas, the research topics or the course curricula, the requirements for participation, the admission criteria, the qualifications to be enclosed with the application, the assessment criteria, the number of available positions and the number of scholarships specifying the funders and the research fields also in relation to the single curricula if they are mentioned, information on the exam timetable, an address for enquiries and the course website are also indicated.

4. Any additional scholarships and apprenticeships, pursuant to art. 19 paragraph 1) letter b) of Law no. 240/2010 and art. 5 of Legislative Decree, N. 167/2011 made available before the completion of the evaluations and up to the conclusion thereof, subject however to the terms of the deadline for the application, by the candidates, the competition for admission, provided by art. 5, will be announced by publication on the websites: http://www.unical.it/portale/concorsi/ and http://www.unical.it/portale/ ateneo/amministrazione/area/assar/postlaurea/dottorato/.

For the allocation will be used the ranking lists. The list of research areas will be constantly updated until the day before the valuation of securities in relation to additional bags put out to tender.

Updates will be published on the University websites: http://www.unical.it/portale/concorsi/ and http://www.unical.it/portale/ ateneo/amministrazione/area/assar/postlaurea/dottorato/.

5. Any positions such as "industrial doctorate" are reserved for employees of companies engaged in highly qualified activities. The schedules of the individual courses indicate any positions. Candidates must be in possession of the qualification required for PhD access and must pass the selection for admission to the PhD. The positions will be assigned according to the order of the specific ranking list. The procedures for the research and study activities and the allocation will be established in the specific agreement aimed at activating these positions.

6. Any funding provided by external institutions will be allocated subject to the finalization of the agreements between Unical and the funding entity within the date of the beginning of the courses. Failure of the finalization of position with scholarship, could cause also a decrease in the number of positions without scholarship of the concerned PhD course.

7. This call for proposals is co-financed by the European Social Fund (FSE) through the international mobility program of PhD students and Research grants/Researchers of type A - POR Calabria 2014-2020 - Actions 10.5.6 and 10.5.12. Specifically, the grants co-financed by the FSE/FESR have a thematic in one of the sectors and disciplinary areas coherent with the policies of the S3 Regional - Smart Specialization Strategy Calabria - S3 Calabria and in particular they are related to the following sectors: Agri-food, Sustainable Building, Tourism and Culture, Logistics, ICT and Innovative Tertiary, Smart Manufacturing, Environment and Natural Risks, Life Sciences, or in the strategic sectors of University interest.

8. This call for applications will be published on the website of the Italian Ministry of Education, Universities and Research and on the University websites: http://www.unical.it/portale/concorsi/ and
http://www.unical.it/portale/ateneo/amministrazione/aree/assar/postlaurea/dottorato/ is equivalent to a notification to all intents and purposes.
9. Any modification, update or addition to its content will be exclusively notified via publication on the websites: 
http://www.unical.it/portale/concorsi/ and 
http://www.unical.it/portale/ateneo/amministrazione/aree/assar/postlaurea/dottorato/.
10. Any personal communication to the applicants concerning this competition will be given by e-mail. To this purpose, 
the address provided by the applicant in the online application form will be used.
11. The University shall not be responsible for any loss of communications due to the applicant providing incorrect 
contact details or failing to promptly communicate a change in them, neither for telecommunication error.
12. The presentation of the application via the procedure mentioned in art. 5 implies the acceptance of the rules 
contained in this announcement and in the University PhD Regulations by the applicant. Failure to respect these rules will 
result in the applicant being excluded from the competition.

Art. 2
(Assignment requirements)

1. Applicants of any citizenship and age can submit their application for the selection procedure to access the PhD 
Courses mentioned in article 1, provided they hold one of the following qualifications:
   a. A Degree released by an Italian University prior to Ministerial Decree 509/99.
   b. A “Laurea Specialistica/Magistrale” (Master’s Degree) released by an Italian University in pursuance of 
      Ministerial Decree. 509/1999 and Ministerial Decree 270/2004; 
   c. An international academic qualification released by a legally recognised foreign University and declared 
      equivalent or suitable for admission to an Italian PhD course. 
   The specific Degrees required to access each PhD course are listed in the course descriptions contained in Annex A 
of this announcement.

2. Applicants who will take the qualification required in paragraph 1 before 31st October 2018 the qualification has 
been taken by sending an e-mail to the address; assar@unical.it. Failure to take the qualification by the abovementioned 
deadline will result in the applicant being excluded from the merit ranking.
3. Candidates for grants financed by the POR Calabria FSE/FESR 2014-2020, in addition to the requirements set out in 
point 1 or 2, under penalty of non-admissibility, have to be born in Calabria or to be resident there for at least two years at 
the date of submission of the application. Furthermore, they should to commit to:
   a) go abroad for a compulsory 12-month study period, to be concluded within the 33rd month of the doctorate; 
   b) respect the specific conditions imposed by the FSE and the International Mobility Guidelines for PhD Students 
      and Research Grant/Type A Researchers - POR Calabria 2014-2020 - Actions 10.5.6 and 10.5.12.

The declarations referred to in points a) and b) are included in Annex C of this call for application.
4. Applications from students already enrolled in a PhD course at the University of Calabria will not be accepted.
5. Applicants who already hold a PhD are only eligible and may only apply for positions without scholarships.

Art. 3
(Degree released by foreign universities)

1. Applicants who hold qualifications released abroad have to attach a declaration of value to their on-line application. 
2. In case of absence of the above declaration, the candidates are admitted to the public competitive examination under 
condition and they may obtain recognition of their qualification, only to the purpose of admission to the PhD program, by 
the Admissions Committee which will evaluate the suitability of the applicant’s academic qualification for the sole 
purpose of enrolment on the PhD program in compliance with relevant laws in force in Italy and in the country where the 
qualification has been released and in compliance with international treaties or agreements on the recognition of 
qualifications for the continuation of higher education studies.
3. To this purpose, applicants must attach to the application form original or certified copies of certificates and 
transcripts of previous higher education produced by the university that has awarded the qualifications, translated into 
Italian or in English, also translated by and under the responsibility of the candidate him/herself.
Should the applicant’s course of studies include a first and second level degree (e.g. Bachelor’s + Master’s Degree), 
certificates for both degrees must be submitted, including a list of exams taken and standard duration of the course/s.
Art. 4

(Positions reserved to applicants holding a degree released abroad, applicants with a scholarship from a foreign country, applicants holding a scholarship from a specific International mobility programme and private worker of a company).

1. Applicants that intend to participate to the call for reserved positions, have to select the specific item indicated in the electronic call for application.

2. Above mentioned applicants will be selected through a qualification assessment and, unless otherwise specified in the specific PhD course description mentioned in art. 1, will also undertake an interview via videoconference.

3. The Admissions Committee will draw up specific reports and separate ranking lists. Should any positions reserved to candidates holding a degree released abroad remain vacant, they may be made available for the unreserved competition.

Art. 5

(Application form)

1. The application for admission to the selection procedure, must be submitted, no later than the deadline of 12:00 a.m. (Italian time) on 12th September 2019 exclusively by using the on-line procedure available on the website: https://unical.esse3.cineca.it/ (to access the application it is necessary, if you are not already registered, to register on the same site). If the candidate has erroneously or partially completed the admission to the competition, the application is definitively transmitted and can not be changed online. Candidates who wants to modify the application or add any annexes can deliver or send them only on file .pdf together with the signed application form and a photocopy of a valid identity document, within the deadline of the call for application of the University Central Administration Protocol, Via Pietro Bucci cubes 7-11 b, Arcavacata di Rende (CS) with the following transmission methods: direct delivery on weekdays and opening hours to the public from 10:00 (a.m.) to 12:00 (a.m.), by postal mail A/R or postal courier (the date of receipt by the University Administration and not the date of delivery is relevant) or by e-mail at the address assar@unical.it. In the event that the attachments on optical media do not arrive within the deadline and in the manner indicated, only the documents entered with the ICT procedure will be evaluated. The date of submission of application for admission to the selection procedure is certified by the computer system, by the deadline for submission, no longer allow access and sending the application.

2. Applicants must upload the following files in PDF:
   - Annex C: declaration for the PhD position option; in order to contribute to the allocation of places with a subject-specific scholarship financed by POR Calabria FESR-FSE 2014/2020, University Departments and External Bodies, the candidate must explicitly explain it. This declaration will be a priority and binding choice. Candidates who do not exercise this option will compete exclusively for places with scholarships financed by the University and for places without a scholarship (indicating where requested the topic);
   - research project, of the maximum size of n. 3 pages (unless otherwise specified in Attachment A) on topics related to the scientific disciplinary fields of interest of the course and on the specific research topics indicated for the places with a restricted theme for which the candidate intends to compete, indicated in Annex A of the same call for each course;
   - annex C to this call, duly filled in any part. Candidates who want to participate for places with scholarships financed by external bodies with a specific topic must indicate it. This option will be configured as a priority and binding choice.
   - research project, of the maximum size of 3 pages (unless otherwise specified in this announcement), concerning the research topic required for the award of the scholarship or concerning other topics related to Subject Areas of interest of the PhD programme, both indicated in “Annex A” of this announcement;
   - declaration of self-certification under art. 47 Presidential Decree 445/2000 (Annex B) (The rules on self apply to Italian citizens and the European Union and non-EU nationals legally residing in Italy, as far as can be verified or certified by Italian public entities);
     – Curriculum vitae et studiorum;
     – copy (front and back), of a valid identity document;
     – copy of the Italian Fiscal Code;
     – copy of the payment of the admission fee of € 11,00 (euro eleven/00). This payment can be made with SEPA transfer in favour of ´University of Calabria using the following bank details: IBAN IT 73 T 02008 80884 000103495463 Bank Unicredit S.p.A.
Account Number 000103495463
Code BIC/SWIFT: UNCRITMM
and specifying the following description: "Fee for admission to the PhD selection in _________ - 35th cycle".

The payment can also be made online or by printing the PagoPA bulletin, payable at the authorized bodies: it is possible to choose the Payment Service Provider (e.g., a bank or other payment institution) and related services (e.g., debit in current account, credit card, electronic postal bulletin), to then carry out the transaction through the "Node of Payments - SPC" managed by the Agency for Digital Italy (other information at the link: www.agid.gov.it).

The verification of the payment of the contribution of € 11.00 may be carried out by the Administration also after the deadline of the call. The admission fee is not refundable.

– for candidates holding a degree released abroad, the documents listed in article 3 of this announcement;

– for candidates not yet in possession of the qualification to art. 2 paragraph 1, a self-certification of exams taken during the academic career;

– any other assessable qualifications/publications, as specified in “Annex A” of this announcement.

All titles, documents and publications considered useful for the purposes of the call for application must be attached in electronic format .pdf with a maximum size of 20 MB; in very exceptional cases, the eventual documentation that can not upload can be delivered by hand to the Ufficio Protocollo, University of Calabria, Arcavacata Rende (CS) on weekdays from 10:00 (a.m.) to 12:00 (a.m.), by postal mail A/R or postal courier (the date of receipt by the University Administration and not the date of delivery is relevant) or by e-mail at the address assar@unical.it, always respecting the deadline of this application.

3. Candidates who wish to take part in more than one competition will have to submit a separate application for each, together with the qualifications requested, and pay an admission fee for each PhD competition selected.

4. Applications submitted via any other means will not be considered.

5. Candidates are responsible for ensuring that their online application has been completed accurately and in full; this University declines all responsibility for any malfunction of the system close to the deadline.

6. Any Rector’s Decree of exclusion from the competition will be published on the website http://www.unical.it/portale/ateneo/amministrazione/aree/assar/postlaurea/dottorato/ before the first examination. No personal letters will be sent directly to candidates. Rejected candidates may ask for the reason of their exclusion by writing to the Rector. Explanations will not be given to requests made in other ways.

7. The University Administration cannot be held responsible for documentation which goes astray due to mistaken indication of residence and postal address given by the applicant and/or due to the fact that candidates have not communicated any changes or have communicated them too late, or for any errors in postal or telegraphic delivery made by third parties.

8. According to the nature of their disability and in compliance with Law no°104/1992 and its integration Law no° 17/99, disabled candidates may request the use of special equipment and additional time to complete the examination. Pursuant to Law no° 170/2010, candidates with learning disabilities shall be granted 30% more time than the standard allowed time to complete their examination, in relation to the type of examination that is being taken. Candidates with disabilities who need to use special equipment during the examination, in pursuance with Law no° 104/1992 and its integration Law no°17/99, shall provide this information in the on-line application form, specifying the type of equipment they will need.

9. All candidates are admitted to the examination conditionally: their applications are verified to check that they meet the requirements set in this announcement, which shall be done in pursuance with art. 43 of DPR no° 445 of 28 December 2000. The Administrative office may decide on the exclusion of any candidate from the selection procedure at any time. The Administrative office shall also verify the truthfulness of the self-certifications provided by candidates. Applicants providing false declarations will be punished in compliance with the Italian criminal code and special laws on the matter.

10. The University reserves the right to enforce, even after the public exam is over, sanctions for the exclusion of candidates who have failed to comply with or meet up to requirements herein established.

Art. 6

(Admissions Committees)

1. The Admissions Committees in charge of the PhD competitions are appointed by the Rector in accordance with the University of Calabria “Regulation for PhD courses”.

13. 2. The composition of each Admission Committee will be published, after the announcement deadline has expired, on the websites: http://www.unical.it/portale/concorsi/ and http://www.unical.it/portale/ateneo/amministrazione/aree/assar/postlaurea/dottorato/.
Art. 7
(Admission)

1. Admission is carried out according to the procedures described for each course in “Annex A”, which is an integral part of this Decree.

2. The admission tests schedule for each course listed in the abovementioned “Annex A” is equivalent to a notification to applicants. Any modifications, updates or additions to its content will be published exclusively on the websites: http://www.unical.it/portale/concorsi/ and http://www.unical.it/portale/ateneo/amministrazione/aree/assar/postlaurea/dottorato/.

3. Failure to take part in the admission tests will be considered as constituting a withdrawal from the application process.

4. In order to sit the exams, candidates shall be asked to exhibit one of the following identity documents: identity card, driving licence, passport or other identity document with an identification photo.

5. The selection procedure, in order to ascertain the applicant’s aptitude for scientific research, is an assessment of the applicant’s qualifications, in accordance with “Annex A” for each PhD programme, through a written test and/or an oral examination.

6. The table published for each Doctorate shows the points awarded for each test, the criteria for attributing them and the threshold scores to pass to the next phase of the tests.

7. The Commission, first of the evaluation of the qualifications, will have to establish the evaluation and attribution criteria of the score related to each single item (research project, curriculum vitae et studiorum, possible certifications, possible publications, etc.). In the case of candidates not yet in possession of the access to the research doctorate, for the purposes of an appropriate evaluation, the commission must take into account the self-certified academic career (with exams) annexed to the application form.

8. The written examination (if any) shall be taken by all candidates in Italian. The Examining Board may however decide that the essay must be written in a foreign language by all candidates.

9. The oral examination (if any), is public and focuses on the assessment of the knowledge of one or more foreign languages.

10. Applicants permanently residing abroad on the date of such evidence, may support the “oral exam at a distance” using the tool of video conferencing (eg Skype). In such case they will have to request it, within the deadline of this call, by e-mail to the address assar@unical.it annex a copy of identity document and indicating the PhD course and own personal skype address. You’ll ensure the use of a webcam to allow their identification to the Committee and will be available to the staff, previously communicated, the day and time set out in Annex A. It examinations diary ‘of the faculty Commission agreed with the choice of the candidate a precise timetable for the start of the interview. For the purposes of identification and, under penalty of exclusion from the selection process, each candidate must, before the interview begins, to identify themselves, exhibiting the same identity document already submitted by e-mail. The failure to address personnel, the connection fails, the unavailability of the candidate in the day or in the timetable established or failure to produce valid identification document in accordance with the present paragraph constitute grounds for exclusion from the selection process. The University accepts no responsibility for the possibility that technical reasons prevent the smooth running of the interview.

11. The Admissions Committee will draw up specific report. Candidates will be ranked in descending order according to the total score obtained by each candidate in the scheduled tests and the qualification assessment.

12. Subsequently, the Commission, taking into account the ranking of merit, the number of competing scholarships, the subject of the research project and the admissibility to the restricted subject options expressed by the candidates (stated in Annex C of this call for application), assigns all the posts in competition based on:
   1. the ranking position;
   2. the suitability of any option expressed by the candidate for topic scholarships according to the ranking order and the adequacy of the research project.

The Commission gives priority to the position financed by POR Calabria FESR-FSE 2014/2020, UniCal Department and external bodies; then it will proceed to the allocation of the position financed by the University, of the positions without scholarship (also with a topic) and of the position of suitability, to the candidates effectively placed in the ranking of merit.

In the event that a candidate turns out to be suitable for more than one thematic scholarship the Commission will decide on the assignment.

Under current national legislation, each candidate can not benefit from more than one doctorate scholarship at the same time.

For each candidate eligible for the competition procedure, the Commission must indicate the eligibility for the various
types of positions with and without scholarship, always in compliance with the options exercised by the candidate in Annex C.

13. For PhD programmes involving reserved places, separate lists will be drawn up, while for the PhD courses articulated in curricula, a single merit list will be published.

14. If more candidates have an identical score in the ranking list:
   - the position with scholarship will be awarded on the basis of the candidate’s economic situation, pursuant to D.P.C.M. of 9 April 2001 and subsequent modifications and integrations;
   - the positions without a scholarship will be awarded to the youngest candidate.

15. The President of the Admissions Committee will submit the competition reports to the Rector.

16. Candidates may view the documents of the selection procedure, in compliance with current laws and regulations.

Art. 8
(Admission to PhD Courses)

1. The Rector acts to verify the validity of the competition records and approves the ranking lists for each selection procedure with a Rector’s Decree.

2. The ranking lists will be published on the websites: http://www.unical.it/portale/concorsi/ and http://www.unical.it/portale/ateneo/amministrazione/aree/assar/postlaurea/dottorato/. 

3. Candidates will not be informed personally.

4. Candidates are admitted to the PhD courses in the ranking list order drawn up by the Admissions Committee until all positions for thematic and until the exhaustion of the positions available for each PhD course. Should a candidate decide not to take up his/her place before the course starts, his/her place may be taken by another candidate according to the ranking list order, always respecting the research topics. Candidates who are successful in more than one selection can choose only one PhD position.

5. Prevailing laws regarding time off work or special leave will apply to any public administration employees admitted to a PhD course.

6. Candidates who have participated in the selection process for reserved positions will be admitted to the PhD courses until all positions allocated to such candidates have been filled.

Art. 9
(How to enrol)

1. The winners must proceed to enrollment through the procedure available at https://unical.esse3.cineca.it/ within the deadlines indicated in the Rectoral Decree. Failure to complete the enrollment shall result in loss of right to the admission to the PhD course.

2. Successful students, with or without scholarship, are exempted from any payment of fee except for:
   a) the Regional Tax for the Right to Education (“Tassa Regionale per il Diritto allo Studio”), which shall be calculated according to the
      • € 130.00 for ISEEDSU ≤ € 23,508.78;
      • € 140.00 for ISEEDSU > € 23,508.79 and ISEEDSU < € 47,017.55;
      • € 160.00 for ISEEDSU ≥ € 47,017.56;
   The ISEEDSU certificate (Indicator of the Equivalent Economic Situation for the Special Benefits for the Right to University Study 2019), is issued by the INPS, upon direct request of the doctoral student or through a CAF or other authorized body. The University will acquire data relating to ISEEDU directly from the INPS database. If the student does not intend to request the ISEEDSU or the ISEEDSU requested is different from what is indicated, the same will be subject to payment of the maximum amount of the Regional Tax for the Right to Education.
   b) the Accident Insurance Premium of euro 0.50;
   c) the Tax stamp of € 16.00;

3. Candidates residing abroad must confirm their will of enrolling, under penalty of expiration, by contacting the PhD Office by e-mail at assar@unical.it from the date of the Rectoral Decree approving the proceedings. Such candidates must complete their enrolment no later than one month. Upon decision of the Academic Board, foreign candidates may be allowed to start frequency of the first year in the subsequent academic year, if they are unable to obtain the entry visa within the stated deadline. However, registration must be completed by the beginning of the subsequent academic year, under penalty of exclusion.

4. The candidates with a degree released abroad have to deliver a copy of the residence permit and the certified Degree Certificates provided by the “Dichiarazione di Valore in Loco” (Declaration of Value) of the applicant’s qualifications,
issued by the Italian diplomatic and consular missions of the Country in which the Degree was awarded. For European candidates only, instead of the Declaration of Value, the candidates can submit the original or certified copy (in the original language or in English) of the Diploma Supplement released by the issuing university. If the Declaration of Value establishes that the exhibited Degree Certificate does not entitle the enrolment to a PhD program analogous to the one for which the application is made, the applicant will lose the right to participate to the PhD program itself.

5. Enrolment in another course which assigns an academic qualification, even from another Italian or foreign University, is not allowed, except for medical specialization courses, in compliance with current laws and regulations.

6. In the event of waivers from successful candidates, the vacancies are awarded to those who hold a good position in the ranking. These applicants will be notified by e-mail.

7. The University reserves the right to check the validity of winner’s declarations. Any applicant found to have made false statements will lose the benefits arising from these declarations.

Art. 10
(Scholarships)

1. The amount of the scholarship is € 15,343.28 per year gross of social security payable by the PhD student. The scholarship is exempt from local income tax and personal income tax (IRPEF).

2. In order to benefit from the scholarship, the winner must have and keep for the duration of the course a personal gross annual income not exceeding € 15,000.00.

3. The doctoral grant is paid in monthly instalments, it lasts one year and is renewed annually, for the entire duration of the course, provided that the PhD student has been admitted to the following year by the Academic Board.

4. PhD scholarships cannot be combined with research grants or other scholarships awarded for any reason whatsoever. The only exceptions are allowed for grants and scholarships assigned by national or international bodies to support training or research activity abroad.

5. The amount of the doctoral grant shall be increased by 50% for an overall period of no more than 18 months, if the graduate student is authorized to by the Academic Board to carry out research abroad, upon the invitation of the foreign organization. The PhD student have to ask an original certificate from the hosting foreign institution indicating the exact period of study abroad, under the penalty to return the received amount. In case of funding the mobility by the FGMS, the PhD students have, in addition to the above, to submit a Learning Agreement first of the departure and a report on the activities carried out, signed by the PhD course coordinator when he/she comes back.

6. Students who have already benefited from a PhD scholarship, even partially, are not eligible for a second one.

7. The winners of scholarship funded by the POR Calabria FSE/FESR 2014-2020, must comply with the specific conditions imposed by the FSE and the “International Mobility Guidelines for PhD students and research grants/Researchers of type A’’ - POR Calabria 2014-2020 - Actions 10.5.6 and 10.5.12 and in particular must undertake to go abroad for a compulsory 12-month study period, to be concluded within the 33rd month of the doctorate. The scholarships will be financed only if the doctoral program will be entirely concluded with the attainment of the degree. The lack of the aforementioned requirement, for reasons attributable to the PhD student, will result the loss of the right of enrollment and the consequent restitution of the received sums. On the other hand, there will be no obligation to return the sums in the hypothesis, fully demonstrated, of interruption of the PhD program due to force majeure or unforeseeable circumstances, according to the norms of the Civil Code.

Art. 11
(Rights and obligations of PhD students)

1. Admission to PhD programmes obliges PhD students to full-time attendance of the PhD programme. PhD students must regularly attend courses and carry out all research and study activities assigned to them by the relevant Department of the University, according to the procedures set out by the Academic Board of the PhD programme to which, at the end of each academic year, they must submit a report on the research activities they carried out.

2. Doctoral students may take leave of absence from the course in the following cases, which shall be fully and duly certified: maternity and illness. Students must recover the period of absence from study and research activities.

3. PhD students may carry out tutorial activities for undergraduate and postgraduate students, as well as supplementary teaching activities as part of their training project; these activities are not eligible for an increase in the scholarship. All activities must be previously authorised by the Academic Board for a maximum of forty hours per academic year. The limit is not applicable after the third year of the PhD programme.

4. Starting from the second year, each PhD student will be allowed to use a budget for research activities in Italy and abroad which will not be less than 10% of the amount of the scholarship.
5. PhD students are required to constantly check the PhD webpage: http://www.unical.it/portale/ateneo/amministrazione/aree/assar/postlaurea/dottorato/ where general information will be published.

6. The winners of scholarship funded by the FSE must comply with the specific conditions imposed by the FSE and the "International Mobility Guidelines for PhD Students and Research Grant/Type A Researchers" - POR Calabria 2014-2020 - Actions 10.5.6 and 10.5.12.

Art. 12
(Final exam and conferment of qualification)
1. The title of Ph.D. ("Dottore di Ricerca") is awarded by the Rector of the University of Calabria, once the course is completed following a public defence, in front of a committee appointed by the Rector, of a research thesis which will contribute to the improvement of knowledge or methodologies in the chosen field of research, in accordance with the PhD Regulation of the Doctoral Programmes of Research of the University of Calabria.

2. In accordance with the Regulation of the additional certification of Doctor Europæus, issued by University of Calabria Rector’s Decree no° 89 of 26th January 2017, if the requirements set by the EuA are fulfilled, additional certification of the Doctor Europæus will be awarded to the doctoral candidate who requests it.

Art. 13
(Use of personal data)
1. Pursuant to Article 13 of Legislative Decree no°196 of 30 June 2003, candidates are hereby informed that their personal data shall be collected and processed in an automated database by the University of Calabria, even after the selection procedure, for use in the selection procedure and for the management of the academic career of successful PhD students. They may also be used for statistical purpose by the Ministry of the University and Research. Providing such data is necessary for the evaluation of the participation requirements. Failure to do so will result in the candidate’s exclusion from the selection procedure.

2. The personal information provided by the candidates will be communicated to the University of Calabria’s administrative office and to the Public Institutions directly concerned with the legal and financial position of successful candidates.

3. Candidates are entitled to benefit from the rights stated in Article 7 of Legislative Decree No. 196/2003, including access to personal data, their modification, update, integration, cancellation whether these data are false, incomplete or have been collected illegally, and likewise reserve the right to oppose any use of the data for legitimate reasons.

4. Pursuant to art. 13 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 concerning the protection of individuals with regard to the processing of personal data, as well as the free movement of such data, all documentation and information related to privacy for the University of Calabria are available at the following link: http://www.unical.it/portale/ateneo/privacy.

Art. 14
(Person in charge of the procedure)
In compliance with Law no° 241 of 7 August 1990, the person in charge of the procedure stated in this announcement is Mrs. Sonia Gallo - Università della Calabria (e-mail: sonia.gallo@unical.it; assar@unical.it).

Art. 15
(POR Calabria FSE/FESR 2014-2020)
This call for proposals is co-funded by the POR Calabria FSE/FESR 2014-2020 and it is therefore subject to compliance with the ministerial regulations in force on Research Doctorates, Community Regulations and national regulations for interventions co-financed by the European Social Fund (FSE); in particular, as provided by the POR Calabria FSE/FESR 2014-2020 - Axis 12, Action 10.5.6 Interventions for the internationalization of training courses and for the international attractiveness of universities or equivalent educational institutions, with particular attention to the promotion of doctoral courses included in national and international networks, as well as coherent with the strategic guidelines of the National Research Plan and the action 10.5.12 Actions to strengthen the university education or equivalent post-graduate, aimed at promoting the link between tertiary education, the production system, research institutes, with particular attention and reference to doctorates in collaboration with companies/research bodies in scientific areas consistent with the strategic lines of the PNR and of the Regional Smart Specialization implemented by the Higher Education Sector and University of the Presidency Department of the Calabria Region.

As regards information and publicity, the University of Calabria, pursuant to point 2.2. of Annex XII of the Regulation (EU) 1303/2013, informs the public about the funding obtained under the POR Calabria FSE/FESR 2014-2020:
a) by publishing this call for application on the website of the Ministry of Education, University and Research, on the Euraxess European website and on the University website: http://www.unical.it/portale/concorsi/ and http://www.unical.it/portale/ateneo/amministrazione/aree/assar/postlaurea/dottorato/ containing a brief description of the regional intervention, including logos, purposes and results, and highlighting the financial support received from the European Union;
b) placing the posters with information on this call for application, indicating the financial support of the European Union, in more places easily visible to the public (spaces of the Support Services Area for Research Activities, of the PhD, of the 14 Departments, of the 10 PhD courses, of the Residential Center and of the Didactic Services Unit and of the University Orientation Office).

Art. 16
(Final regulations)

1. The provisions of the existing Italian legislation on PhDs and of the University of Calabria “Regulation for PhD courses” apply to any matter not explicitly specified in this announcement.

2. This call for applications is the English translation of the Italian version and is not binding for legal purposes. In the event of dispute or disagreements, the Italian version of this call shall prevail.

THE RECTOR
(Prof. Gino Mirocle Crisci)
## ANNEX A

### Analytical Tables

#### PhD Courses

**Cycle 35th - Academic Year 2019/2020**

<table>
<thead>
<tr>
<th>No°</th>
<th>PhD Course</th>
<th>Coordinator</th>
<th>Available positions</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Information and Communication Technologies</td>
<td>Prof. Felice Crupi</td>
<td>12</td>
<td>13-15</td>
</tr>
<tr>
<td>2</td>
<td>Civil and Industrial Engineering</td>
<td>Prof. Franco Furgiuele</td>
<td>10</td>
<td>16-17</td>
</tr>
<tr>
<td>3</td>
<td>International PhD Programme in Humanities. Texts, Knowledge, Practices: from Classical Antiquity to Contemporary Period</td>
<td>Prof. Roberto De Gaetano</td>
<td>8</td>
<td>18-19</td>
</tr>
<tr>
<td>4</td>
<td>Life Science and Technology</td>
<td>Prof.ssa Maria Carmela Cerra</td>
<td>9</td>
<td>20-22</td>
</tr>
<tr>
<td>5</td>
<td>Mathematics and Computer Sciences</td>
<td>Prof. Gianluigi Greco</td>
<td>6</td>
<td>23-24</td>
</tr>
<tr>
<td>6</td>
<td>Translational Medicine</td>
<td>Prof.ssa Stefania Catalano</td>
<td>12</td>
<td>25-26</td>
</tr>
<tr>
<td>7</td>
<td>Politics, Culture and Development</td>
<td>Prof. Paolo Jedlowski</td>
<td>5</td>
<td>27-29</td>
</tr>
<tr>
<td>8</td>
<td>Economic and Business Sciences</td>
<td>Prof. Vincenzo Scoppa</td>
<td>8</td>
<td>30-31</td>
</tr>
<tr>
<td>9</td>
<td>Science and Engineering of the Environment, Construction and Energy</td>
<td>Prof. Salvatore Critelli</td>
<td>8</td>
<td>32-33</td>
</tr>
<tr>
<td>10</td>
<td>Physical, Chemical and Materials Sciences and Technologies</td>
<td>Prof.ssa Gabriella Cipparrone</td>
<td>9</td>
<td>34-35</td>
</tr>
</tbody>
</table>
PhD Course in INFORMATION AND COMMUNICATION TECHNOLOGIES

<table>
<thead>
<tr>
<th>Coordinator</th>
<th>Prof. Felice Crupi – Department of Computer Science, Modeling, Electronics and Systems Engineering - DIMES – Via Pietro Bucci, Arcavacata di Rende (CS) – Phone: +390984.494766 – E-mail: <a href="mailto:felice.crupi@unical.it">felice.crupi@unical.it</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>3 years</td>
</tr>
<tr>
<td>Main Department</td>
<td>Department of Computer Science, Modeling, Electronics and Systems Engineering – DIMES</td>
</tr>
<tr>
<td>Research topics</td>
<td>The curriculum is multidisciplinary and strongly oriented to the integration and development of new systems of Information and Communication Technology (ICT). The main research topics are listed below:</td>
</tr>
<tr>
<td></td>
<td>• Design of Internet of Things (IoT) systems.</td>
</tr>
<tr>
<td></td>
<td>• Cybersecurity.</td>
</tr>
<tr>
<td></td>
<td>• Big Data analysis techniques and applications.</td>
</tr>
<tr>
<td></td>
<td>• Artificial intelligence.</td>
</tr>
<tr>
<td></td>
<td>• Wearable computing and m-health systems.</td>
</tr>
<tr>
<td></td>
<td>• Modeling and simulation for reliability analysis of IoT systems.</td>
</tr>
<tr>
<td></td>
<td>• Software engineering methodologies for the development of complex distributed software systems.</td>
</tr>
<tr>
<td></td>
<td>• Models and algorithms for social networks.</td>
</tr>
<tr>
<td></td>
<td>• Management and analysis systems of Big Data and scalable processing: distributed systems, parallel systems, cloud computing architectures and systems, provisioning models.</td>
</tr>
<tr>
<td></td>
<td>• Knowledge Management: document management, knowledge extraction, integration and modeling, formalization methodologies, taxonomy classification, thesauri and ontologies, distributed data management, data mining and data warehousing.</td>
</tr>
<tr>
<td></td>
<td>• Simulation and optimization: models and algorithms.</td>
</tr>
<tr>
<td></td>
<td>• Mathematics for machine learning.</td>
</tr>
<tr>
<td></td>
<td>• Microsystems: design, development and characterization of intelligent MEMS devices.</td>
</tr>
<tr>
<td></td>
<td>• Development of low power and high performance circuits and systems for 3D image processing.</td>
</tr>
<tr>
<td></td>
<td>• Photovoltaic conversion: models and technologies for solar cells and intelligent systems for energy management, conversion and storage.</td>
</tr>
<tr>
<td></td>
<td>• High performance, energy efficient integrated circuits for logic and memory applications.</td>
</tr>
<tr>
<td></td>
<td>• Nanodevices for logic and memory applications.</td>
</tr>
<tr>
<td></td>
<td>• Modeling and design of spintronic nanodevices.</td>
</tr>
<tr>
<td></td>
<td>• Systems and techniques for the management of infrastructures for electric mobility.</td>
</tr>
<tr>
<td></td>
<td>• Reconfigurable antennas.</td>
</tr>
<tr>
<td></td>
<td>• Smart antennas and their integration.</td>
</tr>
<tr>
<td></td>
<td>• Advanced techniques for the measurement of electromagnetic fields.</td>
</tr>
<tr>
<td></td>
<td>• Electromagnetic diagnostics and biomedical applications.</td>
</tr>
<tr>
<td></td>
<td>• Radar systems for the environmental monitoring.</td>
</tr>
<tr>
<td></td>
<td>• Electronic circuits for RF applications.</td>
</tr>
<tr>
<td></td>
<td>• Monolithic integration of transmitters and receivers.</td>
</tr>
<tr>
<td></td>
<td>• Efficient energy management in wireless sensor networks.</td>
</tr>
<tr>
<td></td>
<td>• Cognitive networks and 5G systems.</td>
</tr>
<tr>
<td></td>
<td>• Network technologies, protocols and architectures for IoT systems.</td>
</tr>
</tbody>
</table>
- Vehicle networks and new generation protocols for smart cities.
- Control and estimation for agent-based interconnected network systems.
- Control strategies resilient to cyber-attacks in network control systems.
- Secure navigation schemas and environment reconstruction for autonomous robot teams.
- Techniques and devices for navigation, guidance and control in autonomous submarine vehicles.
- Techniques and devices for submarine acoustic communications and localization.
- Non-destructive evaluation of materials.
- Electronic measurement systems.
- Fault detection and isolation and control reconfiguration techniques in dynamical systems.
- Synchronization methods for IoT-based distributed measurement systems.
- IoT-based distributed measurement systems for structural monitoring.
- Food engineering.

**Partecipation requirements**
- Equivalent Degree awarded by an accredited foreign university.

**Admission procedures**
- Qualification assessment and oral examination.
- The knowledge of the english language will be assessed during the oral examination.

**Assessable qualification**
- Research project;
- Curriculum vitae, including a copy of Bachelor's and Master's Degree (in italian or english), and the list of examinations taken with grades and final mark.

**Assessment criteria**

<table>
<thead>
<tr>
<th>Qualification assessment</th>
<th>Maximum score 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research project</td>
<td>Maximum score 10</td>
</tr>
<tr>
<td>Curriculum vitae</td>
<td>Maximum score 20</td>
</tr>
</tbody>
</table>

**Oral examination**
- Discussion on the proposed research project and on the disciplines of interest for the doctorate. Foreign candidates can take the exam via skype.

<table>
<thead>
<tr>
<th>Maximum score 30 punti</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum score required for the admission to the oral admission and for the oral examination: 21 pt</td>
</tr>
</tbody>
</table>

**Total maximum score 60**

**Positions and scholarships**
- 9 (nine) positions with scholarship of which:
  - 2 granted by University of Calabria;
  - 3 granted by POR Calabria FSE/FESR 2014-2020 bounded to the development of projects in the area of Smart Specialisation Strategy - S3 Calabria: ICT and innovative Tertiary;
  - 1 granted by POR Calabria FSE/FESR 2014-2020 (XXXIV cycle) bounded to the development of projects in the area of Smart Specialisation Strategy - S3 Calabria: Logistics;
  - 2 granted by DIMES as part of the "Departments of Excellence" project on the topic "Design of Internet of Things Systems";
  - 1 granted by CNR IIT* project on the topic: “Construction of a framework for the automatic extraction of metadata from heterogeneous document sources (text, audio, image and video)".
- 3 positions without scholarship.

**Agenda**

<table>
<thead>
<tr>
<th>Description</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification assessment (presence of candidates not requested)</td>
<td>25 September 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oral examination</td>
<td>26 September 2019</td>
<td>09:30</td>
</tr>
<tr>
<td>--------------------------------</td>
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<td>-------------------</td>
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</tr>
<tr>
<td>Seminar room of DIMES – University of Calabria – Arcavacata di Rende (Cosenza) Italy</td>
<td>The results of the exam will be posted on the PhD website: <a href="http://dottorato.dimes.unical.it/">http://dottorato.dimes.unical.it/</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Information</strong></td>
<td><a href="mailto:felice.crupi@unical.it">felice.crupi@unical.it</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PhD website</strong></td>
<td><a href="http://dottorato.dimes.unical.it/">http://dottorato.dimes.unical.it/</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## PhD Course in Civil and Industrial Engineering

**Coordinator**

Prof. Franco Furgiuele – Department of Mechanical, Energy and Management Engineering - DIMEG – Via Pietro Bucci, Cubo 46C - Arcavacata di Rende (CS) – Tel.: 0984.494827 – e-mail: furgiuele@unical.it – SSD: ING-IND/14

**Duration**

3 years

**Proposer Department**

Department of Mechanical, Energy and Management Engineering

**Other Department Involved**

Department of Civil Engineering  
Department of Informatics, Modeling, Electronics and System Engineering  
Department of Chemical and Environmental Engineering

**Scientific Areas**

ICAR/01, ICAR/02, ICAR/04, ICAR/05, ICAR/07, ICAR/09, ICAR/10, ICAR/14 ICAR/17, ICAR/20, ICAR/22, ING-IND/08, ING-IND/09, ING-IND/10, ING-IND/11, ING-IND/13, ING-IND/14, ING-IND/15, ING-IND/16, ING-IND/17, ING-IND/22, ING-IND/24, ING-IND/27, ING-IND/35

**Research Topics**

The PhD program aims to improve and develop skills and knowledge related to the two curricula of reference: Civil Engineering and Industrial Engineering

**Participation Requirements**

– Master Degree (ex DM 509/1999): 3/S (Master in Landscaping), 4/S (Master in Architecture and construction-architecture engineering), 25/S (Master in Aerospace and aeronautical engineering), 26/S (Master in Biomedical engineering), 27/S (Master in Chemical engineering), 28/S (Master in Civil Engineering), 31/S (Master in Electrical Engineering), 33/S (Master in Energy and Nuclear Engineering), 34/S (Master in Management Engineering), 36/S (Master in Mechanical Engineering), 38/S (Master in Engineering for the Environment and Territory);  
– Diploma Degree (ante DM 509/1999) equivalent to the aforementioned Master of Science and Master Degrees according to DM 09/07/2009;  
– Graduate Degree or equivalent to one of the above mentioned Titles awarded by foreign universities legally recognized.

**Admission procedure**

Evaluation of qualifications and oral exam.

**Qualifications and document evaluable**

– Curriculum vitae et studiorum (CV) along with the Master Degree certificate containing the exams taken and the associated scores; for the MSc students that are about to get their degree it is required to provide a certificate containing the exams taken and the associated scores;  
– Research project proposed by the candidate;  
– Any publications related to the PhD themes;  
– Any Master Research Fellowships & Grants related to the PhD themes.

**Evaluation Criteria**

<table>
<thead>
<tr>
<th>Evaluation of qualifications</th>
<th>Maximum score 60 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Project</td>
<td>Maximum score 15 points</td>
</tr>
<tr>
<td>CV along with the Master Degree certificate containing the exams taken and the associated scores; for the MSc students that are about to get their degree it is required to provide a certificate containing the exams taken and the associated scores</td>
<td>Maximum score 9 points</td>
</tr>
<tr>
<td>Publications related to the PhD topics</td>
<td>Maximum score 3 points</td>
</tr>
<tr>
<td>Master, Research Fellowships &amp; Grants related to the PhD topics</td>
<td>Maximum score 3 points</td>
</tr>
<tr>
<td>Oral Exam</td>
<td>Maximum score 30 points</td>
</tr>
</tbody>
</table>
Examination procedures:
The oral examination is based on the discussion of the research project proposed by the applicant and the scientific and professional experiences gained. In addition, the knowledge of the English language will be assessed through the comment and/or translation of a scientific article.

The minimum score to enter the subsequent tests and to pass the oral exam is: 21 points.

<table>
<thead>
<tr>
<th>Positions and grants</th>
</tr>
</thead>
<tbody>
<tr>
<td>n. 10 (ten) positions of which</td>
</tr>
<tr>
<td>of which:</td>
</tr>
<tr>
<td>- 3 granted by University of Calabria;</td>
</tr>
<tr>
<td>- 1 granted by POR Calabria FSE/FESR 2014-2020 finalizzata alla realizzazione di progetti nell’ambito della Smart Specialisation Strategy - S3 Calabria: Edilizia Sostenibile;</td>
</tr>
<tr>
<td>- 1 granted by Calabria FSE/FESR 2014-2020 finalizzata alla realizzazione di progetti nell’ambito della Smart Specialisation Strategy - S3 Calabria: Smart Manufacturing;</td>
</tr>
<tr>
<td>- 1 granted by POR Calabria FSE/FESR 2014-2020 finalizzata alla realizzazione di progetti nell’ambito della Smart Specialisation Strategy - S3 Calabria: Ambiente e rischi naturali.</td>
</tr>
<tr>
<td>- 1 granted by Virtual Vehicle on the following thematic research: “Numerical modelling, simulation and experimental characterization of noise and vibration phenomena in metamaterials”</td>
</tr>
<tr>
<td>- 1 granted by DIMEG, covered by PRIN 2017 – BIONIC project (Resp. Sc. Prof. D. Umbrello – CUP H24I17000140001) on the following thematic research: “Surface functionalization to improve tribo-corrosion performances of metal implants through advanced machining operations”</td>
</tr>
</tbody>
</table>

| n. 8 positions with scholarship |
| n. 2 position without scholarship |

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date</th>
<th>Hour</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of qualifications (the presence of the candidates is not requires)</td>
<td>23 September 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral Exam</td>
<td>26 September 2019</td>
<td>09:30</td>
<td>Aula “Giannattasio” – DINCI, cubo 45B, piano superiore – Università della Calabria, Arcavacata di Rende (CS)</td>
</tr>
</tbody>
</table>

The results will be published on the PhD website at: dici.unical.it

Information: furgiuele@unical.it, gabriella.mazzulla@unical.it, giovanni.mirabelli@unical.it

Website of the course: dici.unical.it
# INTERNATIONAL PhD PROGRAMME IN HUMANITIES.
**TEXTS, KNOWLEDGE, PRACTICES: FROM CLASSICAL ANTIQUITY TO CONTEMPORARY PERIOD**

<table>
<thead>
<tr>
<th>Coordinator</th>
<th>Prof. Roberto De Gaetano – Department of Humanities – Via Pietro Bucci, Cubo 28/B – 87036 Arcavacata di Rende (CS) - e-mail: <a href="mailto:rob.degaetano@gmail.com">rob.degaetano@gmail.com</a> - SSD: L-ART/ 06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>3 Years</td>
</tr>
<tr>
<td>Main Department</td>
<td>Department of Humanities.</td>
</tr>
<tr>
<td>Subject Areas</td>
<td>L-ANT/02, L-ANT/04, L-ANT/06, L-ANT/07, L-ANT/08, L-FIL-LET/04, L-FIL-LET/07, L-FIL-LET/09, L-FIL-LET/10, L-FIL-LET/11, L-FIL-LET/12, L-FIL-LET/15, L-LIN/02, L-LIN/04, L-LIN/06, L-LIN/07, L-LIN/10, L-LIN/12, L-LIN/13, L-LIN/14, L-ART/01, L-ART/04, L-ART/05, L-ART/06, L-ART/07, M-FIL/01, M-FIL/03, M-FIL/04, M-FIL/05, M-FIL/06, M-FIL/08, M-PED/01, M-PED/02, M-PED/03, M-PED/04, M-STO/01, M-STO/04, M-STO/05, M-STO/08, M-GGR/01, M-DEA/01, SPS/02, SPS/08, SPS/13.</td>
</tr>
<tr>
<td>Research Topics</td>
<td>The PhD programme intends to mould scholars both in the more traditional and the newer subjects of humanities (from classical and modern literature to philosophy, from philology to history of arts, from history to archeology, branches of communication and performing arts) according to a ‘geneaological’ perspective, that connects the contemporary period with the past of tradition, and can understand the roots of classical knowledge grasping joint elements and continuity.</td>
</tr>
<tr>
<td>Participation Requirements</td>
<td>Italian University Degree (ante DM 509/1999) or Italian Specialist/ Master's Degree (ex DM 509/1999 and DM 270/2004) or equivalent Degree obtained abroad.</td>
</tr>
<tr>
<td>Admission Procedures</td>
<td>Evaluation of Qualifications, Written and oral examination.</td>
</tr>
</tbody>
</table>
| Mandatory documents to be enclosed | - *Curriculum Vitae et Studiorum* (CV).  
- Letter or email by the professor or researcher of the Department of Humanities that declares his/her willingness to be the PhD advisor of the applicant. The sample letter, that can also consist in a simple email to the applicant, and the list of the professors and the researchers of the Department are available for download from the PhD course website (http://www.disu.unical.it/).  
- Research Project.  
- Publications with ISSN/ISBN code (eventual). |
| Assessment Criteria      | **Total Score 90/90**                                                                                                                                                                                |
|                         | **Total maximum Score 30/30**                                                                                                                                                                          |
| **Evaluation of Qualifications** |                                                                                                                                                                                                     |
| Research Project        | Total score: 5                                                                                                                                                                                      |
|                         | Total score: 10                                                                                                                                                                                      |
| **Curriculum Vitae et Studiorum (CV)** | Total score: 10                                                                                                                               |
| Publications with ISSN/ISBN code | Total score: 5                                                                                                                                    |
| **Written Examination**  | **Total maximum Score 30/30**                                                                                                                                                                          |
Criteria: Applicants must show an in-depth knowledge about topics and issues concerning humanities.
In particular, the written examination will assess:
- Novelty and meaningfulness of the written examination paper;
- Expository clarity and consistency;
- Methodological awareness.

<table>
<thead>
<tr>
<th>Oral Examination</th>
<th>Total maximum Score 30/30</th>
</tr>
</thead>
</table>
| Criteria: Applicants must explain the written examination and his/her research project. In particular, the oral examination will assess:  
- Novelty and meaningfulness;  
- Expository clarity and consistency;  
- Methodological awareness.  
During the oral examination, the knowledge of Italian language will be assessed.  
Minimum Score required for the admission to the next tests and for passing the oral examination: score 21/30. |

Positions and scholarships

8 (eight) positions of which:
- 3 positions granted by University of Calabria;
- 1 position granted by Regional Council of Calabria (POR Calabria FSE/FESR 2014-2020: Smart Specialisation Strategy - S3 Calabria: Turismo e cultura,
- 2 position granted by Regional Council of Calabria (POR Calabria FSE/FESR 2014-2020, without Smart Specialisation Strategy);
- 2 position without scholarship.

Agenda

<table>
<thead>
<tr>
<th>Description</th>
<th>When</th>
<th>Time</th>
<th>Where</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of Qualifications (applicant presence not required)</td>
<td>23 September 2019</td>
<td></td>
<td><a href="http://www.disu.unical.it/">http://www.disu.unical.it/</a></td>
</tr>
<tr>
<td>Written Examination</td>
<td>25 September 2019</td>
<td>10.00</td>
<td>Aula “M. Alcaro” (cubo 28/b, piano terra) Department of Humanities University of Calabria</td>
</tr>
<tr>
<td>Oral Examination</td>
<td>30 September 2019</td>
<td>10.00</td>
<td>Aula “M. Alcaro” (cubo 28/b, piano terra) Department of Humanities University of Calabria</td>
</tr>
</tbody>
</table>

The results will be published on the PhD website at: http://www.disu.unical.it/

Information

disu@unical.it

Phd website

http://www.disu.unical.it/
PhD Course in Life Science and Technology

Coordinator
Prof. Maria Carmela Cerra, Dipartimento di Biologia, Ecologia e Scienze della Terra (DiBEST), Via Pietro Bucci, Cubo 6/C, Tel.: +39 0984/492907, e-mail: maria_carmela.cerra@unical.it, SSD: BIO/09.

Duration
3 years

Main Department
Department of Biology, Ecology and Earth Sciences (DiBEST)

Subject Areas
BIO/01, BIO/02, BIO/05, BIO/09, BIO/10, BIO/11, BIO/15, BIO/16, BIO/18, CHIM/02, CHIM/06, CHIM/08, CHIM/09, ING-IND/09, ING-IND/24, MAT/09, MED/04, GEO/01.

Research Topics

Participation Requirements
- Italian Specialist Degree (ex DM 509/99): 3/S(specialistiche in architettura del paesaggio); 6/S (specialistiche in biologia); 7/S (specialistiche in biotecnologie agrarie); 9/S (specialistiche in biotecnologie mediche, veterinarie e farmaceutiche); 10/S (specialistiche in conservazione dei beni architettonici e ambientali); 12/S (specialistiche in conservazione e restauro del patrimonio storico-artistico), 14/S (specialistiche in farmacia e farmacia industriale), 20/S (specialistiche in fisica), 23/S (specialistiche in informatica), 26/S (specialistiche in ingegneria biomedica), 27/S (specialistiche in ingegneria chimica), 28/S (specialistiche in ingegneria civile), 33/S (specialistiche in ingegneria energetica e nucleare), 34/S (specialistiche in ingegneria gestionale), 36/S
(specialistiche in ingegneria meccanica), 38/S (specialistiche in ingegneria per l'ambiente e il territorio), 45/S (specialistiche in matematica), 46/S (specialistiche in medicina e chirurgia), 47/S (specialistiche in medicina veterinaria), 50/S (specialistiche in modellistica matematico-fisica per l'ingegneria), 61/S (specialistiche in scienza e ingegneria dei materiali), 62/S (specialistiche in scienze chimiche), 68/S (specialistiche in scienze della natura), 74/S (specialistiche in scienze e gestione delle risorse rurali e forestali), 77/S (specialistiche in scienze e tecnologie agrarie), 78/S (specialistiche in scienze e tecnologie agroalimentari), 81/S (specialistiche in scienze e tecnologie della chimica industriale), 82/S (specialistiche in scienze e tecnologie per l'ambiente e il territorio), 85/S (specialistiche in scienze geofisiche), 92/S (specialistiche in statistica per la ricerca sperimentale).

-Italian Degree (ante DM 509/99) or equivalent to master degree above listed.
-Academic degrees obtained abroad equivalent to master degree above listed.

<table>
<thead>
<tr>
<th>Assessable qualification</th>
<th>Total Score: 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification</td>
<td>Total Score: 30</td>
</tr>
<tr>
<td>Research Project</td>
<td>Total Score: 20</td>
</tr>
<tr>
<td>CV</td>
<td>Total Score: 5</td>
</tr>
<tr>
<td>Other qualifications: Publications, Participation at scientific meetings</td>
<td>Total Score: 5</td>
</tr>
</tbody>
</table>

**Oral Examination**
The oral examination will focus on the discussion of research project, curriculum vitae and other qualifications. Candidate’s skills will be evaluated to verify its abilities to carry out the proposed project. For foreign candidates there will be the possibility to be examined by using a skype connection.

Minimum Score required for the admission to the oral examination: 21 point.

<table>
<thead>
<tr>
<th>Positions and scholarship</th>
<th>9 (nine) positions distributed in:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- 7 funded positions</td>
</tr>
<tr>
<td></td>
<td>- n. 2 University budget;</td>
</tr>
<tr>
<td></td>
<td>- n.1 POR Calabria FSE/FESR 2014-2020 Smart Specialisation Strategy - S3 Calabria: &quot;Ambiente e rischi naturali&quot;;</td>
</tr>
<tr>
<td></td>
<td>- n.2 POR Calabria FSE/FESR 2014-2020 Smart Specialisation Strategy - S3 Calabria: “Scienze della vita”;</td>
</tr>
<tr>
<td></td>
<td>- n. 1 DIBEST* budget;</td>
</tr>
<tr>
<td></td>
<td>- n.1 ISOETES** association budget.</td>
</tr>
</tbody>
</table>

| 2 not funded position     |                                  |

**Agenda**

<table>
<thead>
<tr>
<th>Description</th>
<th>When</th>
<th>Time</th>
<th>Where</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation qualification (applicant presence not requested)</td>
<td>24 September 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral Examination</td>
<td>25 September 2019</td>
<td>10.00</td>
<td>Aula Covello (DiBEST) University of Calabria, Arcavacata di Rende (CS)</td>
</tr>
</tbody>
</table>

**Information**
Coordinator: Prof. Maria Carmela Cerra, Dipartimento di Biologia, Ecologia e Scienze della Terra (DiBEST),
Tel.: +39 0984/492907, e-mail: maria_carmela.cerra@unical.it

**Phd website**
http://www.dibest.unical.it
* Any funding provided by Unical Department will be allocated subject to the finalization of the budgetary constraint within the date of the beginning of the courses. Failure of the finalization could cause a decrease in the number of positions without scholarship of the concerned PhD course.

** Any funding provided by external institutions will be allocated subject to the finalization of the agreements between Unical and the funding entity within the date of the beginning of the courses. Failure of the finalization could cause a decrease in the number of positions without scholarship of the concerned PhD course.
Doctorate in Mathematics and Computer Science

<table>
<thead>
<tr>
<th>Coordinator</th>
<th>Prof. Gianluigi GRECO – Dipartimento di Matematica e Informatica – Via Pietro Bucci - Cubo 30/B, Arcavacata di Rende (CS) Tel.: +39 0984.496429 – E-mail: <a href="mailto:ggreco@mat.unical.it">ggreco@mat.unical.it</a> – SSD: INF/01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>3 years</td>
</tr>
<tr>
<td>Main Department</td>
<td>Department of Mathematics and Computer Science</td>
</tr>
<tr>
<td>Subject Areas</td>
<td>Computer Science, Algebra, Geometry, Complementary Mathematics, Mathematical Analysis, Probability and Statistics, Mathematical Physics, Numerical Analysis, Operations Research</td>
</tr>
</tbody>
</table>

Research Topics

- Artificial Intelligence, Knowledge Representation and Reasoning, Answer Set Programming, Logic Programming, Constraint Satisfaction Problems.
- Databases, Data and Knowledge Integration, Data and Text-Mining, Knowledge Management.
- Theoretical Computer Science, Game theory, Decidability and Complexity Theory.
- Grid Computing, Computational Science, Cellular Automata.
- Optimization Models and Methods for solving problems in Transport and Logistics.
- Combinatorics
- Study of canonical models of surfaces of general type. Algebraic curves and their moduli spaces. Groups and Graphs.
- Interactions between algebra and geometry and between geometry and mathematical physics in modern and contemporary Mathematics. Historical developments of the decisions theory. History of the mathematics in the didactical field. Mathematic teaching with particular interest in the role and in the use of the technology.

Participation Requirements

Italian Specialist/Master's Degree (ex DM 509/1999 e DM 270/2004) or equivalent Degree awarded by an accredited foreign university or Italian University Degree (ante DM 509/1999).

Admission Procedures

Evaluation of qualifications, written examination and oral examination. The knowledge of the English Language will be assessed during the oral examination.

Assessable qualification

<table>
<thead>
<tr>
<th>Assessable qualification</th>
<th>Total Score 30/30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Project</td>
<td>Total Score 6</td>
</tr>
</tbody>
</table>

Assessment criteria

<table>
<thead>
<tr>
<th>Total Score 90/90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessable Qualification</td>
</tr>
<tr>
<td>Research Project</td>
</tr>
</tbody>
</table>
Curriculum vitae et studiorum | Total Score 24
---|---
**Written Exam**
Operating methods: an essay and two exercises on the disciplines pertaining to the doctorate. | Total Score 30/30
**Oral Examination**
Operating methods: discussion about the project and written examination. Interview on the disciplines of interest for the doctorate. Foreign candidates can take the exam via skype. | Total Score 30/30

Minimum Score required for the admission to the next tests and for the oral examination: score 21/30.

**Positions and scholarship**

6 (six) positions, organized as follows

- 3 positions granted by University of Calabria,
- 2 positions granted by POR Calabria FSE/FESR 2014-2020. 1 position is bounded to the development of projects in the areas of Smart Specialisation Strategy - S3 Calabria on ICT e Terziario Innovativo and 1 position in not bounded to specific area of S3 Calabria.
- 1 position without scholarship.

**Agenda**

<table>
<thead>
<tr>
<th>Description</th>
<th>When</th>
<th>Time</th>
<th>Where</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessable qualification (applicants presence not requested)</td>
<td><strong>september 20, 2019</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Written Exam</td>
<td><strong>september 23, 2019</strong></td>
<td>10:30 am</td>
<td>Classroom Turing - Cubo 30B, Department of Mathematics and Computer Science – University of Calabria Arcavacata di Rende (CS).</td>
</tr>
<tr>
<td>Oral Examination</td>
<td><strong>september 26, 2019</strong></td>
<td>10:30 am</td>
<td>Classroom Turing – cubo 30B Department of Mathematics and Computer Science – University of Calabria Arcavacata di Rende (CS).</td>
</tr>
</tbody>
</table>

The results of the exam will be posted on the site: [www.mat.unical.it/phd/Admission](http://www.mat.unical.it/phd/Admission)

**Information**

alessia.cosentino@unical.it

**Phd website**

[www.mat.unical.it/phd](http://www.mat.unical.it/phd)
**PhD Course in Doctorate in Translational Medicine**

**Coordinator**
Prof.ssa Stefania CATALANO – Dipartimento di Farmacia e Scienze della Salute e della Nutrizione – Edificio Polifunzionale – Arcavacata di Rende (CS)
Tel.: +39 0984.496207 – E-mail: stefcatalano@libero.it – SSD: MED/05

**Duration**
3 years

**Main Department**
Department of Pharmacy, Health and Nutritional Sciences

**Subject Areas**
MED/03, MED/04, MED/05, MED/07, MED/46, BIO/10, BIO/13, BIO/14, BIO/15, BIO/16, CHIM/01, CHIM/02, CHIM/03, CHIM/06, CHIM/08, CHIM/09, AGR/15, L-LIN/12, M-STO/08.

**Research Topics**
a) Molecular design
b) Molecular basis of diseases and therapeutic approaches for TM

**Participation Requirements**
Italian Master's Degree (DM 270/04):
- Italian Specialist Degree (ex DM 509/99): 6/S (specialistiche in biologia), 9/S (specialistiche in biotecnologie mediche, veterinarie e farmaceutiche), 14/S (specialistiche in farmacia e farmacia industriale), 20/S (specialistiche in ingegneria biomedica), 26/S (specialistiche in medicina e chirurgia), 47/S (specialistiche in medicina veterinaria), 61/S (specialistiche in scienza e ingegneria dei materiali), 62/S (specialistiche in scienze chimiche), 78/S (specialistiche in scienze e tecnologie agroalimentari), 79/S (specialistiche in scienze e tecnologie agrozooteconomiche), 81/S (specialistiche in scienze e tecnologie della chimica industriale), SNT_SPEC/3 (specialistiche nelle scienze delle professioni sanitarie tecniche), SNT_SPEC/4 (specialistiche nelle scienze delle professioni sanitarie della prevenzione);
- Italian Degree (ante DM 509/99) or equivalent to master's degree listed above.
- Academic degree's obtained abroad equivalent to master's degree listen above.

**Assessable qualification**
Evaluation of qualifications and oral examination. During the oral examination, the knowledge of the English Language will be assessed.

**Documents to be enclosed**
Curriculum Vitae et Studiorum (CV)
Research Project
Academic qualification and/or job experiences
Scientific Publications (eventual)

<table>
<thead>
<tr>
<th>Assessment criteria</th>
<th>Total Score 60/60</th>
<th>Total score 30/30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Project</td>
<td>Score 18</td>
<td></td>
</tr>
<tr>
<td>CV</td>
<td>Score 7</td>
<td></td>
</tr>
<tr>
<td>Academic qualification and job experiences</td>
<td>Score 3</td>
<td></td>
</tr>
<tr>
<td>Publications</td>
<td>Score 2</td>
<td></td>
</tr>
<tr>
<td>Oral Examination and knowledge of the English Language: The oral examination is based on the discussion of the research project proposed by the applicant.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total score 30/30**

**Positions and scholarship**
12 (twelve) positions of which:
- n.3 positions granted by University of Calabria;
- n.3 positions granted by POR Calabria FSE/FESR 2014-2020 for projects in the field of Smart Specialisation Strategy - S3 Calabria: Scienze della Vita
- n.2 positions granted by Dipartimento Farmacia e SSN “Dipartimento di Eccellenza” in the field of “Identification of novel molecular targets in cancers”;
- n.1 position granted by PRIN (Prot. n. 2017TSHBXZ, CUP H24I17000090001) Dipartimento di Farmacia e SSN for project in the field of “Novel therapeutic targets for retinal neurodegeneration”;
- 3 positions without scholarship.

<table>
<thead>
<tr>
<th>Agenda</th>
<th>Test</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of qualifications</td>
<td></td>
<td>24 September 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral examination</td>
<td></td>
<td>27 September 2019</td>
<td>9.30 a.m.</td>
<td>Aula Seminari Dip. FSSN University of Calabria</td>
</tr>
</tbody>
</table>

The results will be published on the PhD website at: 
www.unical.it/portale/strutture/dipartimenti_240/dfssn/postlaurea/dottorati/

Information
Dott.ssa Gemma Capparelli
Department of Pharmacy, Health and Nutritional Sciences
Tel. 0984-493109 Fax. 0984-493107
Email: gemma.capparelli@unical.it

PhD website
www.unical.it/portale/strutture/dipartimenti_240/dfssn/postlaurea/dottorati/
# PhD Course in Politics, Culture and Development

**Coordinator**
Paolo Jedlowski – Department of Social and Political Sciences – Ponte P. Bucci, Cubo 1B – Arcavacata di Rende (CS) – Tel. 0984.492560 – E-mail: paolo.jedlowski@unical.it – SSD: SPS/07.

**Duration**
3 years

**Main Department**
Department of Social and Political Sciences

**Subject Areas**
IUS/09; IUS/10; IUS/11; L-LIN/01; L-LIN/12; L-OR/10; M-PSI/05; M-STO/02; SECS-P/02; SECS-P/07; SPS/04; SPS/07; SPS/08; SPS/10; SPS/11; SPS/12

## Research Topics

The research topics correspond to what is dealt with by research groups active in the Departments of Social and Political Sciences, and Languages and Education Sciences, as follows:

1. Globalization Processes
2. Sustainable Territorial Development
3. Food and Territory
4. Migration Processes
5. Processes of Financing of Society
6. Economy and Sustainability
7. Work and Social Changes
8. History and Peoples of the Mediterranean Countries
9. Cultural Studies
10. Gender Studies
11. Post-colonial Studies
12. Conversational Analysis in Institutional Settings
13. Discourse Comparative Analysis
15. Political Systems, Political Parties, Movements and Interest Groups
16. Welfare and Social Services
17. Politics, Communities and Religions
18. Development and Legality
19. Disciplines of Psychology
20. Prejudice and Social Relations
21. Processes of Supranational Integration
22. Studies on Citizenship
23. Comparative Analysis of Legal Systems
24. Administration and Transparency
25. Processes of Regionalism and Federalism
26. Subsidiarity
27. Social Philosophy
28. Theory of Justice

## Participation Requirements

Italian University Degree (ante DM 509/1999) or Italian/Master’s Degree (ante DM 509/1999 and DM 270/2004) or equivalent Degree obtained abroad.

## Procedures for the Admission

- Assessment of qualifications
- Written exam (consisting of an essay and an English test)
- Oral examination.

## Procedures for the Admission to the Reserved Place for Candidates with an Academic Qualification Obtained Abroad

- Assessment of qualifications
- Oral examination

## Assessable Qualification

The following assessable qualifications will be considered:
- *Curriculum Vitae and Studiorum* (CV);
- Publications (if any);
- Research project maximum length 4,500 characters, spaces included and bibliography;
(maximum length 9.000 for applicants to the reserved position for candidates with an academic qualification obtained abroad).

Project proposals must be sent (Word format accepted) via email to vincenzo.giacco@unical.it indicating the candidate’s name and surname and the title of the research proposal in the subject line. Proposals exceeding or which are not in conformity with the outlined parameters will not be taken into consideration.

<table>
<thead>
<tr>
<th>Assessment criteria</th>
<th>Max score 90/90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment of qualifications: max score 30/30</td>
<td></td>
</tr>
<tr>
<td>- CV: max score 10;</td>
<td></td>
</tr>
<tr>
<td>- Publications: max score 5;</td>
<td></td>
</tr>
<tr>
<td>- Research project: max score 15.</td>
<td></td>
</tr>
<tr>
<td>Written exam (consisting of an essay and an English test): max score 30/30</td>
<td></td>
</tr>
<tr>
<td>Assessment criteria:</td>
<td></td>
</tr>
<tr>
<td>- Essay regarding general aspects of the group of research themes covered in the Doctoral School: max score 20;</td>
<td></td>
</tr>
<tr>
<td>- English Language Test (required CEF level: B2): max score 10.</td>
<td></td>
</tr>
<tr>
<td>The candidates will be presented with three envelopes, each containing an essay title and an English Language Test. Two candidates chosen at random will be invited to choose one of the envelopes which will be opened in public. The duration of the examination will be four (4) hours.</td>
<td></td>
</tr>
<tr>
<td>Oral examination: max score 30/30</td>
<td></td>
</tr>
<tr>
<td>Assessment criteria:</td>
<td></td>
</tr>
<tr>
<td>during the oral examination candidates will be required to discuss the essay produced during the written examination and the research project submitted.</td>
<td></td>
</tr>
<tr>
<td>Minimum score required for admission to the succeeding tests and for the oral examinations: 21 points</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Assessment criteria for the reserved place for candidates with an academic qualification obtained abroad</th>
<th>Max score 60/60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment of qualifications: max score 30/30</td>
<td></td>
</tr>
<tr>
<td>- CV: max score 10;</td>
<td></td>
</tr>
<tr>
<td>- Publications: max score 5;</td>
<td></td>
</tr>
<tr>
<td>- Research project: max score 15.</td>
<td></td>
</tr>
<tr>
<td>Oral examination: max score 30/30</td>
<td></td>
</tr>
<tr>
<td>Assessment criteria:</td>
<td></td>
</tr>
<tr>
<td>during the oral examination candidates will be required to discuss the essay produced during the written examination and the research project submitted.</td>
<td></td>
</tr>
<tr>
<td>Minimum score required for admission to the succeeding tests and for the oral examinations: 21 points</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Positions and scholarships</th>
<th>Total number of positions: 5 (five)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 scholarship places, 1 of which is reserved for candidates with an academic qualification obtained abroad</td>
<td></td>
</tr>
<tr>
<td>of which:</td>
<td></td>
</tr>
<tr>
<td>- 2 scholarships funded by the University, 1 of which is reserved for candidates with a qualification obtained abroad;</td>
<td></td>
</tr>
<tr>
<td>- 1 POR Calabria FSE / ERDF 2014-2020 scholarship aimed at implementing projects in the Smart Specialization Strategy - S3 Calabria: Tourism and Culture;</td>
<td></td>
</tr>
<tr>
<td>- 2 POR Calabria FSE / ERDF 2014-2020 scholarship in areas not related to the Smart Specialization Strategy - S3 Calabria, but strategic for the University.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Agenda for the tests</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment of qualifications: 19 September, 2019 (the presence of candidates is not required).</td>
<td></td>
</tr>
<tr>
<td>Written exam: 23 September, 2019 at 9.00 am (classroom SSP1 Cube 1A University of Calabria).</td>
<td></td>
</tr>
<tr>
<td>Oral examination: 25 September, 2019 at 10.00 am (meetings room “G. Arrighi”,</td>
<td></td>
</tr>
<tr>
<td>Agenda for the reserved position tests for candidates with an academic qualification obtained abroad</td>
<td>Assessment of qualifications: 19 September, 2019 (the presence of candidates is not required).</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td>Oral examination: 25 September, 2019 at 9.00 am (meetings room “G. Arrighi”, Department of Political and Social Sciences, ground floor, cube 0B – Alternatively, telematic examination; skype account: dispes.unical).</td>
</tr>
<tr>
<td>The test results will be published on the PhD website at <a href="http://www.dottoratopcs.unical.it/">http://www.dottoratopcs.unical.it/</a>.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>For Contact and Information</th>
<th>E-mail: <a href="mailto:vincenzo.giacco@unical.it">vincenzo.giacco@unical.it</a>; Phone: +39 0984 492508.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phd course website</td>
<td><a href="http://www.dottoratopcs.unical.it/">http://www.dottoratopcs.unical.it/</a></td>
</tr>
</tbody>
</table>
# PhD Course in ECONOMIC AND BUSINESS SCIENCES

<table>
<thead>
<tr>
<th>PHD Coordinator</th>
<th>Prof. Vincenzo SCOPPA – Dipartimento di Economia, Statistica e Finanza &quot;Giovanni Anania&quot; – DESF – Via Pietro Bucci - Cubo 1/C – Arcavacata di Rende (CS) Tel.: +39 0984.492464 – E-mail: <a href="mailto:v.scoppa@unical.it">v.scoppa@unical.it</a> – SSD: SECS-P/01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>3 years</td>
</tr>
<tr>
<td>Proposing Department</td>
<td>Department of Economics, Statistics and Finance “Giovanni Anania” - DESF</td>
</tr>
<tr>
<td>Other involved departments</td>
<td>Department of Business Administration and Law (DISCAG)</td>
</tr>
<tr>
<td>SSD</td>
<td>SECS-P/01, SECS-P/02, SECS-P/06; SECS-P/07, SECS-P/08; SECS-P/11, Mat/09, SECS-S01, SECS-S/04, SECS-S/05, SECS-S/06, IUS/01, IUS/07, SPS/10</td>
</tr>
<tr>
<td>Thematic areas</td>
<td>The PHD aims to develop competences both in the theoretical and practical advancement in the economic, business, statistic and financial sciences to apply in different areas such as the academia, national and international centre studies, research institutions, for the business, economics, statistics and financial sciences, private, public and non-profit organizations</td>
</tr>
<tr>
<td>Prerequisites to apply</td>
<td>Second Level Degree (Laure Magistrali ex DM 270/204): LM-16 Finance; LM-40 Mathematics; LM-56 Economic Sciences; LM-77 Business Sciences; LM-82 Statistics Sciences; LM-83 Financial and Actuarial statistics sciences - Second Level degree (Lauree Specialistiche ex DM 509/1999): 19/S (Finance), 45/S (Mathematics), 64/S (Economic Sciences), 84/S (Business Sciences), 91/S (statistics, Economics, Financial and actuarial sciences) - Degree (before DM 09/1999) equalized to the above cited second degree according to the DM 09/07/2009 - degree released by foreign universities equalized to one of the degree above cited</td>
</tr>
<tr>
<td>Modalities of the admission to the PHD</td>
<td>Candidates with degrees released by Italian universities - Qualifications’ evaluation, written and oral examination - Test of the knowledge of English language Candidates with degrees released by foreign universities -Qualifications’ evaluation, oral exam based on the knowledge of the disciplines and on the research project</td>
</tr>
<tr>
<td>Qualifications and documents</td>
<td>Curriculum vitae et studiorum (CV) Research project Certificates testifying the knowledge of the English language</td>
</tr>
<tr>
<td>Evaluation criteria</td>
<td>Maximum score 90 points Qualifications’ evaluation Maximum score 30 points Research project Maximum score 13 points Curriculum vitae et studiorum (CV) Maximum score 15 points Certificates testifying the knowledge of the English language Maximum score 2 points Written exam Maximum score 30 points Modalities: Written essay on theoretical and practical themes of the economic and business disciplines Oral exam Maximum score 30 points Modalities: Oral exam on economic and business themes on the research project Minimum score to be admitted to the next exam: 21 points</td>
</tr>
</tbody>
</table>
| Positions and grants | 8 (eight) positions of which: - 6 positions with grants of which: - 3 grants funded by University of Calabria - 1 grant POR - Calabria Region FSE/FESR 2014-2020 addressed to realize projects within Smart
Specialization Strategy S3 Calabria: Agroalimentare
- 2 grants POR Calabria Region FSE/FESR 2014-2010
in areas **not included** in the Smart Specialization Strategy S3 Calabria.

- 2 positions without grants

<table>
<thead>
<tr>
<th>Exam</th>
<th>Day</th>
<th>Timetable</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualifications’ evaluation (without candidates)</td>
<td>25 September 2019</td>
<td></td>
<td>Aula seminari Dipartimento di Economia, Statistica e Finanza “Giovanni Anania” - Cubo 0C –Piano Terra – University of Calabria – Arcavacata di Rende (CS).</td>
</tr>
<tr>
<td>Written exam</td>
<td>26 September 2019</td>
<td>9:00</td>
<td>Aula seminari Dipartimento di Economia, Statistica e Finanza “Giovanni Anania” - Cubo 0C –Piano Terra – University of Calabria – Arcavacata di Rende (CS).</td>
</tr>
<tr>
<td>Oral exam</td>
<td>27 September 2019</td>
<td>11:00</td>
<td>Aula seminari Dipartimento di Economia, Statistica e Finanza “Giovanni Anania” - Cubo 0C –Piano Terra – University of Calabria – Arcavacata di Rende (CS).</td>
</tr>
</tbody>
</table>

Results of the exams will be published in the following website: [http://www.unical.it/portale/didattica/phdsea/](http://www.unical.it/portale/didattica/phdsea/)

Contact for information: Dott. Giovanni Dodero – Mail address: giovanni.dodero@unical.it

Web site: [http://www.unical.it/portale/didattica/phdsea/](http://www.unical.it/portale/didattica/phdsea/)
PhD Course in Science and Engineering of the Environment, Construction and Energy

<table>
<thead>
<tr>
<th>Coordinatore</th>
<th>Prof. Salvatore Critelli - Department of Biology, Ecology and Earth Sciences (DiBEST) – Via Pietro Bucci – Cubo 15B - Tel.: 0984/493678 – E-mail: <a href="mailto:salvatore.critelli@unical.it">salvatore.critelli@unical.it</a> – SSD: GEO/02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>3 years</td>
</tr>
<tr>
<td>Proposer Department</td>
<td>Department of Environmental Engineering and Chemical Engineering and Land - DIATIC</td>
</tr>
<tr>
<td>Other Department Involved</td>
<td>Dipartimento di Ingegneria Informatica, Modellistica, Elettronica e Sistemistica – Dimes Department of Mechanical, Energy and Management Engineering – DIMEG Department of Biology, Ecology and Earth Sciences (DiBEST) Department of Physics Department of Civil Engineering Department of Chemistry and Chemical Technologies - CTC Department of Business and Law - DIScAG</td>
</tr>
<tr>
<td>Scientific sectors</td>
<td>MAT/07, CHIM/04, CHIM/06, CHIM/07, FIS/01, FIS/07, FIS/08, GEO/01, GEO/02, GEO/04, GEO/05, GEO/06, GEO/07, GEO/08, GEO/09, GEO/10, GEO/11, ICAR/02, ICAR/08, ICAR/09, ING-IND/22, ING-IND/24, ING-IND/25, ING-IND/26, ING-IND/27, ING-IND/33, ING-INF/01, ING-INF/04, IUS/09, IUS/20.</td>
</tr>
<tr>
<td>Research topics</td>
<td>The PhD program aims at developing skills in basic and applied sciences, from civil and environmental engineering to the industrial and information one, from complex systems to scientific communication. In particular, main topics are:</td>
</tr>
<tr>
<td>Application Requirements</td>
<td>Master Degree (before the DM 509/1999) or Master Degree (ex DM 509/1999 and DM 270/2004); - Equivalent qualification, obtained from a foreign, legally recognized university.</td>
</tr>
<tr>
<td>Evaluation procedure</td>
<td>Assessment of academic publications and titles, oral examination. During the oral exam, foreign language proficiency will be tested.</td>
</tr>
<tr>
<td>Evaluable academic publication and titles</td>
<td>- Curriculum vitae et studiorum (CV); - Research project which consists of a minimum of three pages to a maximum of 6 pages, containing a brief state of the art, the description of the research objectives to be pursued during the PhD course, the main contributions and / or innovations of the research. - Scientific and technical reports, publications.</td>
</tr>
<tr>
<td>Maximum score of 60 points</td>
<td></td>
</tr>
<tr>
<td>Assessment of the applicants publications and titles</td>
<td>Maximum score 30 points</td>
</tr>
<tr>
<td>Research Project</td>
<td>Maximum score 20 points</td>
</tr>
<tr>
<td>CV</td>
<td>Maximum score 5 points</td>
</tr>
<tr>
<td>Scientific and technical reports, publications</td>
<td>Maximum score 5 points</td>
</tr>
<tr>
<td>Oral examination. Selection criteria: The oral examination will focus on the content of the candidate’s project. The committee will also evaluate the candidate's skills for the realization of the project and the candidate's rationale for doctoral research. The candidate must also</td>
<td>Maximum score 30 points</td>
</tr>
</tbody>
</table>
demonstrate to have a high level of expertise in a foreign language.

The minimum threshold for being admitted to the oral examination and positive oral examination is of 21 points.

Application scholarships

8 (eight) applications, organized as follows:

6 positions with scholarship

- The 6 scholarships are as follows:
  - 3 grants funded by UNICAL
  - 1 grant funded by POR Calabria FSE/FESR 2014-2020 finalizzata alla realizzazione di progetti nell’ambito della Smart Specialisation Strategy - S3 Calabria: Edilizia sostenibile;
  - 2 grants funded by POR Calabria FSE/FESR 2014-2020 finalizzate alla realizzazione di progetti nell’ambito della Smart Specialisation Strategy - S3 Calabria: Ambiente e rischi naturali
- 2 position without scholarship.

Agenda

<table>
<thead>
<tr>
<th>Test</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral examination</td>
<td>26 September 2019</td>
<td>09:30</td>
<td></td>
</tr>
</tbody>
</table>

The test results will be posted on the access door of the cube 15-A.

Contact for information

salvatore.critelli@unical.it; tel. 0984-493678;
marinella.tedeschi@unical.it; 0984-496650

PhD website

https://www.unical.it/portale/strutture/dipartimenti_240/dibest/ricerca/dottorati/stice/
PhD Course in PHYSICAL, CHEMICAL AND MATERIALS SCIENCES AND TECHNOLOGIES

Coordinator

Prof.ssa Gabriella CIPPARRONE - Dipartimento di Fisica - Via Pietro Bucci - Cubo 33/B, Arcavacata di Rende (CS)
Tel.: +39 0984.496115 - E-mail: gabriella.cipparrone@fis.unical.it - SSD: FIS/03.

Duration

3 years

Main Department

Department of Physics

Subject Areas

FIS/01, FIS/02, FIS/03, FIS/05, FIS/06, FIS/07, CHIM/02, CHIM/03, ICAR/08

Research Topics

The doctorate course includes two curricula with the following topics.
1) "Physical sciences and technologies". The activities of this area mainly concern the following research topics: astrophysics and plasmas, geophysics, condensed matter physics and quantum physics, physics of complex systems, and of the continuous, physics of biological systems, high energy physics, in their experimental, theoretical and computational aspects.
2) "Advanced materials: chemistry and technologies". The activities of this area mainly concern the following research topics: science and technology of advanced materials and systems (membranes, interfaces, etc), polymeric, composite, multifunctional, hybrid and nanostructured, etc. Conceiving the study of materials in terms of structure and properties, design, production processes, characterization and use, with the aim of developing materials and methods for the conversion and accumulation of energy, technologies for cultural heritage protection, photonics, sensors, health, anti-counterfeiting and security.

Participation Requirements

Italian University Degree (ante DM 509/1999) or Italian/Master’s Degree (ante DM 509/1999 and DM 270/2004) or equivalent Degree obtained abroad.

Procedures for the admission

Evaluation of Qualifications and oral examination.
The knowledge of English.

Assessable qualification

- Curriculum vitae with details of any previous research experience;
- Master Degree with the details of mark, duration and exams;
- Research project;
- List of published scientific articles (eventual).

Assessment criteria

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Maximum score 60 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research project</td>
<td></td>
</tr>
<tr>
<td>CV and any previous research experience</td>
<td></td>
</tr>
<tr>
<td>Eventual published articles</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oral examination</th>
<th>Maximum score 30 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>English presentation of the candidate research project and eventual published papers.</td>
<td></td>
</tr>
</tbody>
</table>

Minimum score to reach the position: 21 pt

Positions and scholarship

9 (nine) positions of which:

7 (seven) positions with scholarship

of which:
- 2 granted by University of Calabria: on topics of the research area “Physical sciences and technologies”.
- n. 2 grants on ESF POR Calabria FSE / ERDF 2014-2020 funds for the realization of projects within the Smart Specialization Strategy - S3 Calabria: Smart Manufacturing, in particular, Smart materials.
- n. 1 grant on ESF POR Calabria FSE / ERDF 2014-2020 funds for the realization of projects within the Smart Specialization Strategy - S3 Calabria: Environment and Natural Risks.
- **n. 1 scholarship** co-funded by the University of Calabria and the IIT* (Italian institute of technology - Genova), on the following topic: "Plasmon-Exciton Interaction in Extremely Anisotropic Metastructures.

- **n. 1 grant funded by the INFN***, on the following topic: “Physics of fundamental interactions”.

<table>
<thead>
<tr>
<th>2 positions without scholarship</th>
<th>of which:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- <strong>n.1 position without scholarship</strong> on topics of the research area “Physical sciences and technologies”.</td>
<td></td>
</tr>
<tr>
<td>- <strong>n.1 position without scholarship</strong> on topics of the research area “Advanced materials: chemistry and technologies”.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Agenda</strong></th>
<th><strong>Description</strong></th>
<th><strong>Date</strong></th>
<th><strong>Time</strong></th>
<th><strong>Room</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification assessment (presence of candidates not requested)</td>
<td>24 September 2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral examination</td>
<td>27 September 2019</td>
<td>9:00 (a.m)</td>
<td>Seminars Hall of Physics Departement of University of Calabria – Arcavacata di Rende (CS).</td>
<td></td>
</tr>
</tbody>
</table>

The test results will be published on the PhD website at [http://www.fis.unical.it/dottorato.php](http://www.fis.unical.it/dottorato.php)

**Information**

- Dott.ssa Chiara PERRI 0984/494006
- **Phd website** [http://www.fis.unical.it/dottorato.php](http://www.fis.unical.it/dottorato.php)

*Any funding provided by external institutions will be allocated subject to the finalization of the agreements between Unical and the funding entity within the date of the beginning of the courses. Failure of the finalization could cause a decrease in the number of positions without scholarship of the concerned PhD course.*
ANNEX B
Self Declaration Affidavit (art. 46 D.P.R.28 dicembre 2000 n. 445)

The undersigned__________________________________ Fiscal Code: _____________________________
Place of birth ____________________ date of birth __________________ Sex M/F residence (city) ____________
prov. ____ via _________ n. ____ cap __________
I understand that any incorrect information and false statements are subject to the penalties provided under the Italian penal code and all other applicable laws (art. 46 DPR 445/2000):

hereby declare
(Indicate the title of study - date, University and eventual exams - requested in article 2 of call for application and eventual other title)
_________________________________________________________________________________________________
_________________________________________________________________________________________________
_________________________________________________________________________________________________
_________________________________________________________________________________________________
_________________________________________________________________________________________________
_________________________________________________________________________________________________
_________________________________________________________________________________________________
_________________________________________________________________________________________________

Please note: information reported on this affidavit will be used for the official purpose for which they have been required (D.Lgs. n. 196/2003).

Place and date,_______________________ _______________________
Declared by
(legible signature)

*This statement may relate to states, personal qualities or facts that are directly acquainted with the person concerned, as well as states, personal qualities and facts relating to other subjects of which he or she has direct knowledge.
This statement must provide proof of any qualifications (eg qualifications, examinations, professional qualifications, etc.) that are not attached to the application, as self-certification.
For the titles attached (eg documents issued by a public authority, copies of publications, copies of parchments or certificates of study or service qualifications, etc.) must in the same declaration state declare that they are in conformity to the original copy.
Lastly, a copy of a validation document must be dated, signed and attached.

N.B. - Subscribing to the aforementioned statements is not subject to authentication where it is assigned in the presence of the employee. If this declaration is sent or filed directly by a person other than the candidate, photostatic copy, front and rear, of a document of the identity of the subscriber must also be produced. Only photographic identity documents issued by a state administration will be considered valid.
ANNEX C
DECLARATION OF PHD POSITION OPTIONS

To the Rector of the University of Calabria
- via Pietro Bucci - 87036
ARCAVACATA DI RENDE (CS)

The undersigned _________________________ Fiscal Code: _________________________
Place of birth ______________________ date of birth __________ Sex M / F
residence (city) ____________ prov. _____ via _________ n. ____ cap ___________ tel. ___________ mobile
phone __________ e-mail __________________ address chosen for the purposes of the call (if it’s
different from resident): city ____________________ prov. _____ cap _____ via ______________ n. ______

ASKS
to be admitted to participate in the call for application to the XXXIV cycle of the Ph.D. course in
_______________________________ at this University for the awarding of the University scholarships (topic
________________________________________, where provided for in Annex A) and places without scholarship
(topic ________________________________________, where provided for in Annex A).

also ASKS
to be admitted to the assignment of the following places with a scholarship with thematic financed by:

□ POR Calabria FESR-FSE 2014/2020, in particular for the theme _________________________, aware of the necessary requirements to be able to benefit from it and declares:
1) to be born in Calabria;
2) to be/not be resident in Calabria for at least two years at the date of application for participation;
3) to undertake to go abroad for a period of 12 months of compulsory study, to be completed within the 33rd
month of the doctorate;
4) to be aware that the present call for application is co-funded by the POR Calabria - FSE/FESR 2014-2020 –
“International Mobility Guidelines for PhD Students and Research Grant/Type A Researchers - POR Calabria
2014-2020 - Actions 10.5.6 and 10.5.12”.

□ Department _________________ (indicate Department) on the subject _________________________

□ External Body _________________ (indicate External Body) on the subject _________________________

He/She declares to be aware that the possible choice (option) of the topic scholarship is configured as a priority and
binding choice.

Finally, he/she declares that he/she has read and accepted all the rules contained in the call for application

Date: ____________________________

Signature

________________________
Annex Identity document