



UNIVERSITÀ DEGLI STUDI DI PALERMO

Università degli Studi di Palermo		
Titolo III Classe 6 Fascicolo ===		
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Public Selection Announcement for PhD courses – XXV cycle

ABSTRACT

DECREE N. 2716 - 2011

PUBLIC SELECTION FOR THE ADMISSION TO THE XXV CYCLE OF RESEARCH DOCTORATE COURSES AT THE UNIVERSITY OF PALERMO RESERVED FOR FOREIGN STUDENTS

Academic Year 2011/2012

This notice is published in English on the website:

<http://portale.unipa.it/amministrazione/arearicercasviluppo/formazioneperlaricerca/home/dottorati.html>

Omissis

Art. 1

Institution

The University of Palermo announces a public selection for foreign students, by qualifications and examination, for admission to the following PhD Research Courses of the 25th cycle, A.A 2011/2012.

The three-year courses and the related places available for foreign students are listed in "**Annex 1**". For each doctoral program is indicated the location of the course, the number of places with/without grant and any other extra places available without grant.

The selection procedures and the date of competition tests are given below:

Code: 1 MATHEMATICAL AND COMPUTER SCIENCES

Doctorate Seat: Dept. of Mathematic and computer sciences

Coordinator: Prof. Camillo Trapani

Duration: 3 years

Oral examination: 09/11/2011



UNIVERSITÀ DEGLI STUDI DI PALERMO

Code: 2 PHYSICAL SCIENCES

Doctorate Seat: Dept. of Physic
Coordinator: Prof. Antonio Cupane
Duration: 3 years
Oral examination: 15/11/2011

Code: 3 CHEMICAL SCIENCES

Doctorate Seat: Dept. of Chemistry “Stanislao Cannizzaro”
Coordinator: Prof. Michelangelo Gruttadauria
Duration: 3 years
Oral examination: 15/11/2011

Code: 4 EARTH SCIENCES

Doctorate Seat: Dept. of Earth and Sea Sciences (DISTEM)
Coordinator: Prof. Francesco Parello
Duration: 3 years

Courses of study:

a) Geochemistry

Ref. Contact: Prof. Francesco Parello
Oral examination: 08/11/2011

b) Geology

Ref Contact: Prof. Enrico Di Stefano
Oral examination: 15/11/2011

Code: 5 ENVIRONMENTAL BIOLOGY AND BIODIVERSITY

Doctorate Seat: Dept. of Environmental Biology and Biodiversity
Coordinator: Prof. Marco Arculeo
Duration: 3 years

Courses of study:

a) Animal Biology

Ref. Contact: Prof. Marco Arculeo
Oral examination: 15/11/2011

b) Vegetal Biodiversity and landscape ecology

Ref. Contact : Prof. Giuseppe Venturella
Oral examination: 10/11/2011



UNIVERSITÀ DEGLI STUDI DI PALERMO

Code: 6 CELLULAR BIOLOGY AND TECHNOLOGICAL SCIENCES OF THE DRUG

Doctorate Seat: Dept. of Molecular and Biomolecular Sciences and Technologies

Coordinator: Prof. Girolamo Cirrincione

Duration: 3 years

Courses of study:

a) Cellular Biology

Ref. Contact: Prof. Gabriella Sconzo

Oral examination for foreign students: 15/11/2011

b) Pharmaceutical Sciences

Ref. Contact : Prof. Girolamo Cirrincione

Oral examination for foreign students: 11/11/2011

c) Technology of biologically active substances

Ref. Contact : Prof. Gaetano Giammona

Oral examination: 08/11/2011

Code: 7 BIOMEDICINE AND NEUROSCIENCE

Doctorate Seat: Dept. of experimental biomedicine and N.C

Coordinator: Prof. Giovanni Zummo

Duration: 3 ANNI

Courses of Study:

a) Experimental and Molecular Medicine Total positions: 5

with grant: 1 – position reserve to foreign students: 2 - without grant: 2

Ref. Contact : Prof. Francesco Cappello

Oral examination: 07/11/2011

b) Experimental Oncology

Ref. Contact: Prof. Renza Vento

Oral examination: 10/11/2011

c) Neurosensorial Physiopathology

Ref. Contact : Prof. Giuseppe Ferraro

Oral examination: 15/11/2011

d) Neurosciences and behavioural disorders

Ref. Contact : Prof. Carla Cannizzaro

Oral examination: 11/11/2011

Code: 8 MOLECULAR MEDICINE

Doctorate Seat: Dept. of Biopathology and Medical - Forensic Biotechnologies

Coordinator: Prof. Calogero Caruso

Duration: 3 years



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Courses of study:

a) Human alimentation and nutrition

Ref. Contact : Prof. Caterina Mammina

Competition for foreign students is only through qualifications

b) Biopathology

Ref. Contact: Prof. Calogero Caruso

Oral examination: 15/11/2011

c) Physiopathology of Metabolism: lipids and lipoproteins

Ref. Contact: Prof. Maurizio Averna

Oral examination: 10/11/2011

Code: 9 EXPERIMENTAL BIOTECHNOLOGY AND MEDICAL APPLIED SCIENCES

Doctorate Seat: Biomedical dept. of Internal and Specialist Medicine (Di.Bi.M.I.S.)

Coordinator: Prof. Salvatore Feo

Duration: 3 years

Courses of study:

a) Genomics and Proteomics on Oncology and Endocrine-Metabolic

Ref. Contact : Prof. Salvatore Feo

Oral examination: 14/11/2011

b) Genetics and Physiopathology of Cardiovascular Damage in Endocrine–Metabolic Diseases

Ref. Contact: Prof. Giuseppe Licata

Oral Examination: 16/11/2011

c) Experimental and Clinical Pneumology

Ref. Contact: Prof. Maria Rosaria Bonsignore

Oral examination: 15/11/2011

Code: 10 PHYSIOPATHOLOGY AND IMAGE DIAGNOSTICS IN INTERNAL MEDICINE

Doctorate Seat: Dept. Experimental Internal Medicine DIMIS

Coordinator: Prof. Giuseppe Montalto

Duration: 3 years

Courses of study:

a) Physiopathology and Image Diagnostics in Cardiovascular and Renal Ambit and in Sports

Ref. Contact : Prof. Giovanni Cerasola

Oral examination: 08/11/2011

b) Physiopathology of liver diseases

Ref. Contact: Prof. Giuseppe Montalto

Oral examination: 07/11/2011



UNIVERSITÀ DEGLI STUDI DI PALERMO

Code: 11 CARDIOVASCULAR MEDICINE AND SURGERY–UROLOGICAL BIOTECHNOLOGY

Doctorate Seat: Maternal, Infantil and Andrology and Urology University Department
Coordinator: Prof. Carlo Pavone
Duration: 3 years

Courses of Study:

a) Urological Sciences

Ref. Contact : Prof. Carlo Pavone
Oral examination: 18/11/2011

b) Cardiovascular Sciences: from molecular biology to clinic

Ref. Contact : Prof. Salvatore Novo
Oral examination: 10/11/2011

c) Biotechnology and Surgery Regenerative Medicine in the insufficient organ

Ref. Contact : Prof. Attilio Ignazio Lo Monte
Oral examination: 14/11/2011

Code: 12 CLINICAL AND MOLECULAR ONCOLOGY

Doctorate Seat: Dept. Of Surgical and Oncological Disciplines
Coordinator: Prof. Nicola Gebbia
Duration: 3 years

Courses of Study:

a) Applied Clinical and Experimental Oncology

Ref. Contact : Prof. Fabio Fulfaro
Oral examination: 17/11/2011

b) Clinical Cellular and Molecular Oncopatology

Ref. Contact: Prof. Antonio Russo
Oral examination: 15/11/2011

Code: 13 AGRO-FOREST SCIENCES

Doctorate Seat: Dept. DEMETRA
Coordinator: Prof. Stefano Colazza
Duration: 3 years

Courses of Study:

a) Agriculture and Economy Policy

Ref. Contact: Prof. Maria Crescimanno
Oral examination: 08-09/11/2011



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b) Eco-Compatible Phytosanitary Management in Agro-Forest and Urban Environments

Ref. Contact: Prof. Stefano Colazza

Oral examination: 17/11/2011

c) Agricultural and forest arborous system

Ref. Contact: Prof. Tiziano Caruso

Oral examination: 11/11/2011

Code: 14 AGRO-FOREST SYSTEM

Doctorate Seat: Dept. of Agro-Forest System

Coordinator: Prof. Giuseppe Giordano

Duration: 3 years

Indirizzi:

a) Mediterranean Agro-Eco System

Ref. Contact: Prof. Adriana Bonanno

Oral examination: 04/11/2011

b) Environmental Hydromomics

Ref. Contact Prof. Giuseppe Giordano

Oral examination: 15/11/2011

c) Technologies for Environmental Sustainability and Reclamation

Ref. Contact: Prof. Giuseppe Alonzo

Oral examination: 16/11/2011

Code: 15 ANALYSIS, PLANNING AND REPRESENTATION OF LOCAL, URBAN, HISTORICAL-ARCHITECTURAL AND ARTISTIC RESOURCES

Doctorate Seat: Dept. of Architecture

Coordinator: Prof. Francesco Lo Piccolo

Duration: years

Courses of Study:

a) Urban and Regional Planning

Ref. Contact: Prof. Francesco Lo Piccolo

Oral examination: 10/11/2011

b) History and Representation of the Architecture and the City

Architecture and Urban History and Representation History and Representation of the Architecture and the City

Ref. Contact: Prof. Marco Rosario Nobile

Oral examination: 14/11/2011

c) Art, History and Architectural Conservation in Sicily

Ref. Contact: Prof. Maria Concetta Di Natale

Oral examination: 09/11/2011



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Code: 16 ARCHITECTURE

Doctorate Seat: Dept. of Architecture

Coordinator: Prof. Alberto Sposito

Duration: 3 years

Courses of Study:

a) Architectural Planning

Ref. Contact: Prof. Cesare Ajroldi

Oral examination: 10/11/2011

b) Revival of Ancient Contexts and Innovative Processes in Architecture

Ref. Contact: Prof. Maria Clara Ruggieri

Oral examination: 08/11/2011

Code: 17 CIVIL AND ENVIRONMENTAL ENGINEERING

Doctorate Seat: Civil and Environmental Engineering

Coordinator: Prof. Orazio Giuffrè

Duration: 3 ANNI

Courses of Study:

a) Hydraulic and Environmental Engineering

Ref. Contact: Prof. Enrico Napoli

Oral examination: 11/11/2011

b) Road network Engineering Infrastructures

Ref. Contact: Prof. Orazio Giuffrè

Oral examination: 18/11/2011

c) Engineering Structures

Ref. Contact: Prof. Lidia La Mendola

Oral examination: 15/11/2011

Code: 18 ENERGY

Doctorate Seat: Dept. of Energy

Coordinator: Prof. Aldo Orioli

Duration: 3 years

Courses of Study:

a) Energetics

Ref. Contact: Prof. Giuseppe Panno

Oral examination: 11/11/2011

b) Environmental Technical Physic

Ref. Contact: Prof. Aldo Orioli

Oral examination: 18/11/2011



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c) Transportation Technique and Economics

Ref. Contact: Prof. Luigi La Franca

Oral examination: 07/11/2011

Code: 19 ELECTRIC, ELECTRONIC AND COMMUNICATIONS ENGINEERING, MATHEMATICS AND AUTOMATION SCIENCE

Doctorate Seat: Dept. of Electric, Electronic and Communications Engineering

Ref. Contact: Prof. Francesco Alonge

Duration: 3 years

Courses of Study:

a) Electric Engineering

Ref. Contact: Prof. Mariano Giuseppe Ippolito

Oral examination: 15/11/2011

b) Electronic and Communication Engineering

Ref. Contact: Prof. Giovanni Garbo

Oral examination: 07/11/2011

c) Mathematics and Automation Science for Scientific and Technological Innovation

Ref. Contact: Prof. Maria Stella Mongiovì

Prova orale: 11/11/2011

Code : 20 CHEMICAL, MANAGEMENT, INFORMATION AND MECHANICAL ENGINEERING

Doctorate Seat: Dept. Of Chemical, Management, Informatic and Mechanical Engineering

Coordinator: Prof. Salvatore Gaglio

Duration: 3 years

Courses of Study:

a) Chemical and Materials Engineering

Ref. Contact: Prof. Giuseppe Spadaro

Oral examination: 07/11/2011

b) Production Engineering

Ref. Contact : Prof. Livan Fratini

Oral examination: 08/11/2011

c) Information Engineering

Ref. Contact: Prof. Salvatore Gaglio

Oral examination: 10/11/2011

d) Mechanical Design

Ref. Contact : Prof. Gabriele Virzi' Mariotti

Oral examination: 09/11/2011



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Code: 21 GREEK – LATIN PHILOLOGY AND CIVILISATION, HISTORY OF THE ANCIENT MEDITERRANEAN

Doctorate Seat: Dept. of Cultural, Historical-Archaeological, Socio-anthropological and geographic heritage

Coordinator: Prof. Valeria Andò

Duration: 3 years

Oral examination: 15/11/2011

Code: 22 PHILOLOGICAL AND LINGUISTIC LITERARY STUDIES

Doctorate Seat: Dept. of Philological and Linguistic Studies

Coordinator: Prof. Laura Autieri

Duration: 3 years

Courses of Study:

a) Modern Literatures and Philological-linguistic Studies

Ref. Contact : Prof. Attilio Carapezza

Oral examination: 03/11/2011

b) Italian Studies, literary text: forms and history

Ref. Contact: Prof. Michelina Sacco

Oral examination: 16/11/2011

Code: 23 PHILOSOPHICAL SCIENCES

Doctorate Seat: Dept. FIERI-AGLAIA “Filosofia, Filologia, Arti, Storia, Critica dei Saperi”

Coordinator: Prof. Pietro Palumbo

Duration: 3 years

Courses of Study:

a) Philosophy

Ref. Contact : Prof. Leonardo Samonà

Oral examination: 04/11/2011

b) Aesthetics and theory of Arts

Ref. Contact: Prof. Luigi Russo

Oral examination: 11/11/2011

c) Philosophy of Language, mind and educational processes

Ref. Contact : Prof. Franco Lo Piparo

Oral examination: 09/11/2011

Code: 24 PSYCHOLOGICAL AND SOCIAL SCIENCES

Doctorate Seat: Dept. of Psychology

Coordinator: Prof. Gabriele Profita

Duration: 3 years



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Courses of Study:

a) Psychology

Ref. Contact : Prof. Maria di Blasi

Competition is only through qualifications

b) Public Relations

Ref. Contact: Prof. Alida Lo Coco

Oral examination: 17/11/2011

Code: 25 HISTORY OF CULTURE AND TECHNIQUE

Doctorate Seat: DISMOT

Coordinator: Prof. Pietro Di Giovanni

Duration: 3 years

Oral examination: 12/11/2011

Code: 26 COMPARATIVE LAW

Doctorate Seat: Dept. of Private General Law

Coordinator: Prof. Guido Smorto

Duration: 3 years

Oral examination: 04/11/2011

Code: 27 PRIVATE LAW

Doctorate Seat: Dept. of Private General Law – participates in the International Doctorate School Tullio Ascarelli” Roma

Coordinator: Prof. Rosalba Alessi

Duration: 3 years

Oral examination: 05/11/2011

Code: 28 ROMAN AND PUBLIC SUPRANATIONAL AND NATIONAL LAW

Doctorate Seat: IURA Rights and Defenses in National and Supranational Law

Coordinator: Prof. Antonello Tancredi

Duration: 3 years

Courses of Study:

a) Roman Law Subjects (Roman Law and Antiquity Law)

Ref. Contact : Prof. Giuseppe Falcone

Oral examination: 11/11/2011

b) European Integration Process and International Law

Ref. Contact : Prof. Laura Lorello

Oral examination: 04/11/2011



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Code: 29 FUNDAMENTALS OF EUROPEAN LAW AND COMPARATIVIST METHODOLOGY

Doctorate Seat: D.E.M.S.
Coordinator: Prof. Giuseppe Di Chiara
Duration: 3 years
Oral examination: 12/11/2011

Code: 30 ECONOMY AND TERRITORIAL DEVELOPMENT

Doctorate Seat: Dept. of Economic, Business and Financial Studies (SEAF)
Coordinator: Prof. Fabio Mazzola
Duration: 3 years

Courses of Study:

a) Economic Analyses, Technological Innovation and Management of Regional Development Policies

Ref. Contact : Prof. Fabio Mazzola
Oral examination: 15/11/2011

b) Touristic Sciences: methodologies, models and policies

Ref. Contact : Prof. Anna Maria Parroco
Oral examination: 15/11/2011

c) Trend, Regional and Total Quality Analysis

Ref. Contact : Prof. Rosa Giaimo
Oral examination: 15/11/2011

Code: 31 STATISTICS, APPLIED STATISTICS AND QUANTITATIVE FINANCE

Doctorate Seat: Dept. of Statistical and mathematical Science "S. Vianelli"
Coordinator: Prof. Marcello Chiodi
Duration: 3 years
Oral examination: 08/11/2011

Code: 32 SOCIOLOGY, TERRITORY AND AGRICULTURAL DEVELOPMENT

Doctorate Seat: Dept. of Studies on Politics, Law and Society
Coordinator: Prof. Fabio Massimo Lo Verde
Duration: 3 years
Oral examination: 18/11/2011



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INTERNATIONAL DOCTORATE

Code: 33 ENVIRONMENTAL AGRONOMY

Doctorate Seat: Dept. of Agro-environmental Systems
Coordinator: Prof. Claudio Leto
Duration: 3 years
Oral examination: 11/11/2011

Code: 34 HUMAN RIGHTS: EVOLUTION, DEFENCE AND LIMITATIONS

Doctorate Seat: Department of Studies in Law, Politics and Society
Coordinator: Prof. Aldo Schiavello
Duration: 3 years
Oral examination: 03/11/2011

Code: 35 APPLIED PHYSICS

Doctorate Seat: Dept. of Physic
Coordinator: Prof. Bernardo Spagnolo
Duration: 3 years

Courses of Study:

a) Applied Physic

Ref. Contact : Prof. Bernardo Spagnolo
Oral examination: 19/11/2011

b) Mathematics, Physics and Chemical Didactic and History

Ref. Contact : Prof. Aldo Brigaglia
Oral examination: 07/11/2011

Code: 36 MEDITERRANEAN FRUIT-GROWING

Doctorate Seat: DEMETRA
Coordinator: Prof. Maria Antonietta Germanà
Duration: 3 ANNI
Competition is only through qualifications

Code: 37 IMMUNOPHARMACOLOGY

Dept. of Biopathology and Medical and Forensic Biotechnologies (DIBIMEF)
Coordinator: Prof. Francesco Dieli
Duration: 3 years
Oral examination: 18/11/2011



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Code: 38 MODELS FOR PLANNING AND CONTROL FOR PUBLIC ADMINISTRATION POLICIES AND STRATEGIES

Doctorate Seat: C.I.S.E.COM – Inter-departmental centre of European and Comparative Studies
“G. Martino e G. Criscuoli”

Coordinator: Prof. Carmine Bianchi

Oral examination: 03/11/2011

Code: 39 CULTURAL EUROPEAN STUDIES

Doctorate Seat: Dept. of Culture, Arts, History and Communication

Coordinator: Prof. Michele Cometa

Duration: 3 years

Oral examination: 11/11/2011

Any changes or additions to this notice will be published, however, in the website:

<http://portale.unipa.it/amministrazione/arearicercasviluppo/formazioneperlaricerca/home/dottorati.html>

This call is equivalent to notification in all respects.

Applicants will not receive a written notice of date and venue of the exam.

Art. 2

Admission requirements

Any person of any age or citizenship who possesses one of the following qualifications, may apply to participate in the competitive exam:

- Italian higher degree (Ministerial Decree n. 509/1999)
- Specialist degree (Ministerial Decree n. 270/2004)
- Bachelor's degree (laurea Vecchio ordinamento)
- Every equivalent foreign qualifications, lasting at least four years, previously approved by the competent academic authorities also in the framework of inter-university cooperation and mobility schemes.

May apply for participation in the competition for admission to PhD who is also in possession of a title of PhD Doctorate. In this case, the candidate may be permitted to attend the doctorate course, after passing the exams, a place without grant.

All applicants are eligible for selection, subject to verification of the self-declared statements within the meaning of the d. lgs. No 445/2000.

The University will provide, any time, by order of the Rector of the exclusion of candidates during the selection procedure or a PhD, subject to criminal liability arising from false statements.



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Admission to the selection for candidates who are scheduled to obtain the degree

Those students who are scheduled to obtain the degree required in the first paragraph, at least the day preceding the date of the examination, are admitted *sub condicione*, as stated in art .1 of this notice. In this case access to the exam will be considered “conditional” and the candidate will be required to submit to the Commission, by the date of the first test, the degree certificate complete of final grade or a self certification declaration (art. 46 del D.P.R. 28.12.2000 n. 445).

Candidates that do not obey this condition will be revoked.

Qualifications held abroad

Foreign citizens holding a qualification, lasting at least four years, that has not yet been declared equivalent to the required Italian degree, will ask an equivalence exclusively for the purpose of admission to the exam for the elected Doctorate course. In this case, the candidate shall also attach with his application the academic degree certificate, with the list of all exams and their translation, legalization and "declaration of equivalent value" by the competent Italian Diplomatic-Consular Representation of the country where the qualification was awarded, under the regulations governing the admission of foreign students to degree courses in Italian universities.

The equivalence recognition of the foreign qualifications, exclusively for the purpose of access to doctoral course, will be expressed by the Council of teachers for the doctorate selected.

Applicants with foreign qualification will be admitted “with reserve” and they will be excluded from the doctoral program if , after verification, qualification does not comply with the above mentioned conditions.

Foreign citizens are dispensed from the participation o fees payment provided for selection procedures of doctoral research (DR n. 2609 of 29/07/2010).

Art. 3

Application for Admission

Applications should be made and duty signed in a double copy by the candidate, following the template that can be downloaded from the website:

<http://portale.unipa.it/amministrazione/arearicercasviluppo/formazioneperlaricerca/home/dottorati.html>

The application for admission should be addressed to: Al Magnifico Rettore dell'Università degli Studi di Palermo – Piazza Marina, n. 61 - 90133 Palermo - c/o Ufficio del Protocollo.



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On the envelope, containing the application form, should be write : " “Domanda di partecipazione ai Corsi di Dottorato di Ricerca – A.A. 2011/2012””.

The application form, completed following the mentioned criteria, should be sent by certified mail with advice of delivery, or hand-delivered to the Ufficio Protocollo of this Institution. **Deadline for applications is the thirty-day from the first day following the date of publication of this notice in the Official Gazette of the Italian Republic .**

This term is mandatory.

For the application sent by certified mail with advice of delivery, will be considerate the date stamp of the post office.

The application to participate in the competition for admission to PhD, is considered as self-certification according to art. 2 Law 4.1.1968 n.15, art.3 Law n. 127/and D.P.R. n. 445/2000.

To the application form should be attached the following document must be to the:

- 1) European curriculum vitae
- 2) Undersigned list of personal qualifications
- 3) Research plan (short exposure of the research - max five folders)
- 4) Photocopy of valid identification document

If applicant has an handicap, according to the Law 104/92 and Law 17/99, please specify in the application form the needed aid with respect to his/her handicap, as well as the possible need of additional time to complete examination tests.

All documents attached to the application can be collect by the applicant no later than six months from the approval date of all competition documents (31.06.2012).

After this date will not be possible to have them back.

All documents written in foreign languages must be translated and legalized by the competent Italian diplomatic or consular representations based abroad.

All candidates are admitted with reserve to the competition procedure.

The Administration may order at any time, for justified reasons, the exclusion for lack of requirements. In this case, the communication would be sent to the email address indicated in the application.

The University Administration is not responsible, in any case, about dispersion of communications, errors in the personal and contact data, as permanent address, telephone number or e-mail address, due by the applicant. Moreover late notification in case of changes and any hitch postal or telegraph services are not attributable as administration fault.



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Art. 4

Evaluation Committee

The Evaluation Committee for the admission exam to the course will be nominated by Rector's decree, upon the advice of the Academic Board. Each committee consists of three members, including at least two Italian and foreign professors of first and second level and among them at least one other university, chosen from tenured professors and university researchers who are experts in the scientific areas of the PhD Research Program. The Committee may also include no more than two experts from public and private national and international corporations or research institutes.

The designation of this experts is mandatory in case of agreements or arrangements necessary for the management of the course with small and medium-sized enterprises, craft enterprises, other enterprises upon art. 2195 of the Civil Code and art. 17 of Law 05/10/1991 n. 317.

In the case of PhD programs established through an international university cooperation, the modalities of the course and the final graduation and Commission are defined in accordance with the same agreements.

The composition of each committee will be officially communicated, after the expiry of the notice, at this web address:

<http://portale.unipa.it/amministrazione/arearicercasviluppo/formazioneperlaricerca/home/dottorati.html>

Art. 5

Admission Tests

Every PhD has defined his admission procedures and the selection will be based upon:

- A) qualifications
- B) qualifications and examinations

The admission procedures and the dates of the tests are listed in Art 1. Each candidate can participate for one or more courses of study of the same or different PhD programs, submitting a separate application for each request.

The examinations schedule, however, will guarantee to each candidate the opportunity to take part only in selections from more courses of study of the same PhD.



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The exams are designed to ascertain the candidate's aptitude for scientific research.

Each Evaluation Committee of candidates, according to the type of examination, has available:

A) 20 points for the competition just for qualifications

- degree score – maximum 10 points (1 point for each score up to 101/110 and 1 point for the merit score)
- other titles – maximum 10 points (other degrees, certificates of post-graduate courses, schools, periods spent at Italian and foreign scientific institutions, other useful certificates to certify the activities of study and research).

At the first meeting the Evaluation Committee will establish the criteria and procedures for qualification valuations, drafting a special document attached to the minutes.

B) 60 points for qualifications and competition

Oral examination - maximum 40/60 points

- The test is passed with a vote minimum of 28/40

qualification- maximum 20 points, divided as follows:

- degree score - maximum 10 punti (1 point for each score up to 101/110 and 1 point for the merit score);
- other titles – maximum 10 points (other degrees, certificates of post-graduate courses, schools, periods spent at Italian and foreign scientific institutions, other useful certificates to certify the activities of study and research).

At the first meeting the Evaluation Committee will establish the criteria and procedures for qualification valuations, drafting a special document attached to the minutes.

The qualification scores will be posted on the notice board of the structure, venue of the examination, the same day of the oral examination.

The tests will take place between November 2th and November 19th, 2011.

The examinations schedule is indicated in the art.1 of this notice.

The exact times and the location of the examinations, with respect to each doctorate course, will be published on 25th of October 2011, in the website of the University of Palermo:

<http://portale.unipa.it/amministrazione/arearicercasviluppo/formazioneperlaricerca/home/dottorati.html>

In the same website there will be published any change.

It will be considered, under all respects, as an official convocation of candidates. For this reason, they will not receive any other communication.

Interviews must in any case take place by diNovember 19th, 2011.



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Art.6

International Doctorates

The following International Research Doctorate Courses have been approved by the Academic Senate on 18/07/2011:

1. Environmental agronomy – cun area*7
2. Human rights: evolution, defence and limitations – cun area*12
3. Applied Physics – cun area*2
with two addresses : Applied Physics and History and Didactic of Mathematics, Physics and Chemistry.
4. Mediterranean Fruit-growing – cun area*7
5. Immune-pharmacology – cun area*6
6. Models for planning and control for public administration policies and strategies – cun area*14
7. European Cultural studies – cun area*10

*National University Council

For the above mentioned Doctorate Courses, included in “**Annex 1**” to this notice, are valid the same rules and procedures.

Art. 7

Admission to the PhD Courses

The rank list of candidates will be approved by Rector’s Decree, once confirmed the regularity of the proceedings.

Successful candidates will be admitted to each PhD Research Program according to their order on the rank list until all available places, as "Annex 1", have been filled.

If two or more candidates have the same score, the successful candidate would be the younger.

The rank lists will be exclusively published on the official website of the University of Palermo:

<http://portale.unipa.it/amministrazione/arearicercasviluppo/formazioneperlaricerca/home/dottorati.html>

This call is equivalent to an official notification for all successful candidates.

Successful candidates will not receive a personal communication.

Will not be all allowed appeals against the rank lists more than sixty days from the Rector’s Decree approving the Public Selection Act.



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In the case of failure or delay in acceptance of successful candidates before the beginning of the course, to the next candidate on the rank list will be offered the place.

Who has already obtained the title of PhD, can be allowed to attend, once passed the Admission Tests, an other Doctoral course, without grant.

In case of useful placement in more rankings, the candidate must choose only a single Doctoral Course.

Art. 8

Admission tests for foreign candidates

All foreign candidates may participate to the competitive selection.

Foreign candidates are exempted from the payment of participation fee for the competitive selection for research Doctorate courses (Rector's Decree n.2609, 29/07/2010).

Foreign candidates participating to the selection for reserved or supernumerary positions, included in « attach 1 » of this notice , should make an explicit request in their application form if:

1) they apply for **positions reserved for foreign students, with or without grant**, included in « Annex1 » of this notice, for which a specific list will be drawn;

2) they ask for **supernumerary positions**, 50% of the positions contained in the notice, and they will be eligible as mentioned in the Art.13, paragraph p) of the Research Doctorate rules and regulations, if:

- they have been awarded by a grant financed by the Ministry of Foreign Affairs of the Italian Republic, or by their mother Country's government;

- they come from Countries with which a specific intergovernmental agreement or an agreement with the University of Palermo exists, in any case without charges for the University of Palermo.

The selection of foreign candidates applying for Doctorates according with the points 1) and 2) above, will be carried out through the evaluation of qualifications, the presentation of a research plan and an interview if required.

Qualifications will be evaluated by the Board before the oral examination.

Foreign candidates must also certify (self-certification in compliance with D.P.R. 445/2000) the following requirements:

a) they possess civil and political rights in their Country;

b) they possess, excluding Italian citizenship, all other requirements provided for Italian citizens.



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Art.9

Enrolment Procedure

Candidates admitted through the rank lists must submit their enrolment form with all required documents **within a deadline of 10 days, from the day following the publication of the rank lists**, as described in the art. 7 of this notice. The enrolment form (fac-simile) can be downloaded from :

<http://portale.unipa.it/amministrazione/arearicercasviluppo/formazioneperlaricerca/home/dottorati.html>.

If a candidate does not enroll by the deadline, s/he tacitly withdraws from the PhD program and loses the right to enroll. After the deadline, the free places will be offered to the next candidates on the rank lists.

Art. 10

Fees for admission and attendance of PhD courses

Enrolment in Doctorate Course is subordinate to the **annual payment** listed below, in compliance with the Administrative Committee's resolution n. 62 21/09/2010 and the Regulations on Doctoral Research of the University of Palermo.

a) For applicant with grant:

Administrative fees	€	150,00
Regional Tax	€	85,00

b) For applicant without grant:

Administrative fees, admission and course attendance	€	500,00
Regional Tax	€	85,00

Art. 11

Grants

Grants are assigned following the rank list drawn up by the Evaluation Committee.

If two or more candidates have the same score, the successful candidate would be the younger.

The remaining places without grant will be offered following the candidates on the rank lists and to the amount of places available.



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Under no circumstances, as a result of refuse or exclusions made during the course, it will be no possible the transfer to another student of the remaining grant.

The amounts of the administrative fees for admission, course attendance and administrative rights o are subject to variations from year to year by decision of the Academic Organs.

Anyone who has already held a grant for a doctorate course, even for one year or a fraction of it, may not request a second grant. In this case it is possible to participate as paying student.

The gross annual value of the grant is € 13.638,47, subject to social security charges and national insurance and contributions (INPS a gestione separata).

The duration of the grant is awarded for the entire duration of the course.

The grant will be paid in deferred and posticipated monthly payments.

The amount of the grant will be increased by 50% in proportion and in relation to periods of training abroad; this increase will be supplied only for periods of training abroad not higher than already provided in the proposed activation course. In any case, this increase can not be supplied for a period of months higher than half of the total duration of the doctorate.

Are applied to the grant, for the course attendance, regulations relating tax under Art.4 Law N.476 13/8/1984 and art. 6 Section 6 of Law 398/89.

For the entire duration of the course, to the students, on penalty of the course attendance, are not allowed to cumulate or replace their grant with others for any purpose, except those awarded by national or foreign institutions to integrate periods of study abroad, training and period or research (as referred in Art. 6 of Law N. 398 30/11/1989).

Art. 12

Attendance and obligations

Doctorate students are obliged to attend course and to carry out ongoing study and research activities in accordance with the terms provided for in the University Regulations for Research Doctorates.

At the end of each year students must submit a report to the Academic Board regarding the progress of their research.

At the end of each year the Council of the Teachers, with its resolutions, will evaluate the research done by Doctorate students and certified the attendance, will propose the admission or exclusion to the next year.



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During the three years of Doctorate Course, must be made a period of study and research abroad, at least of three months, terms and conditions will be regulated with a subsequent decision of the Academic Committee.

It is not possible the exclusion from the course in cases of maternity or severe and documented illness.

In case of suspension, longer more than thirty days, the grant can not be paid and the period of suspension is not subject to refund.

In case of exclusion or refuse to the course, during the year, it will be necessary to proceed to the refund of grant already paid.

In accordance with art. 13, paragraph m) of the Rules of PhD research at the University of Palermo, *"... to the PhD students can be assigned limited auxiliary or supplementary teaching activities, that should not in any way compromise the training and research activities. This activity must be directly related and consistent with the research activities of the doctoral students; the educational activities must be authorized in advance by the Council of the Teachers on the proposal of the Tutor. The ancillary and supplementary educational activities consist in seminars or workshop, tutoring and assistance to the drawing up the thesis. The educational cooperation is not mandatory, must not represent a cost to the budget and does not give rise to rights regarding access to the universities roles";*

Students who perform their activities at university hospitals may be employed, upon request, in the assistance activity.

In the case of PhD programs established through an international university cooperation, the modalities of the course, the final graduation and the Commission are defined in accordance with the agreements.

Art.13

Inelegibility

PhD access is incompatible with the inscription in Italy and abroad with other PhD courses, undergraduate e postgraduate degree, bachelor, 1-2nd level master's degrees, courses equivalent to masters and graduate schools (excluding the medicals one), excluding co-supervision theses agreements.

Those who are in possession of a PhD obtained in Italy or abroad and recognized as equivalent, can be enrolled in a new PhD program but without grant.



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Public and private employee, admitted in a course grant supported, must receive approval to the Council of the Teacher to perform both activities.

Art. 14

Awarding of the Doctorate

The title of Doctorates will be awarded on passing the final exam. The final exam will be executed in front of a special committee formed in accordance with the Art. 8 of the " Regulations for Doctoral Research" of the University of Palermo, after being admitted to the final exams from the Council of the Teachers at the end of the third year and after the payment of the examinations admission fee of € 100,00.

Upon delivery of the thesis, it will be published on-line. The final exam can be retaken just once.

The title is conferred by the Rector who certifies, if requested from the PhD students, the awarding of the Doctorate.

To receive the papyrus is required a payment of €20,00 and the duties stamp in accordance with the law.

Art. 15

Data Protection Act

The Administration of the University of Palermo, in accordance with Legislative Decree n.196/2003 and subsequent amendments, will respect the confidentiality of information supplied by the candidate. The applicants' personal data will be used only for selection procedure, institutional purposes and possible career management of the PhD Student.

Art. 16

Administrator Responsible for this Procedure

According to the Art.5 Law n. 241 07/08/1990, the administrator responsible for this procedure is Sig. Antonino Leggio, Responsible of U.O.B. 16 Dottorato di Ricerca e-mail antonino.leggio@unipa.it.

For any further information candidates can contact the Area Ricerca e Sviluppo - Settore Formazione per La Ricerca – Dottorati di Ricerca, P.zza Marina n. 61 - 90133 Palermo tel. 091 23825310 / 25362 / 25296 / 25290/25908/93893.



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Art. 17

Referral Rule

For matters not explicitly mentioned in the present competition announcement, refer to the regulations contained in Law 210/98, Ministerial Decree n. 224 30/04/1999, Law 240 /2010, Regulations of the University of Palermo, as well other rules in force.

This announcement and its attachments are available on the website of the University of Palermo at:

<http://portale.unipa.it/amministrazione/arearicercasviluppo/formazioneperlaricerca/home/dottorati.html>

Are attached to this notice:

- List of places for each Doctorate Course (Annex 1)
- Application Form (Fac-simile) (Annex A)
- European Curriculum Vitae (Annex B)

Palermo, 05/08/2011

IL RETTORE
(Prof. Roberto LAGALLA)

RESEARCH DOCTORATES

Academic Year 2011-2012 – XXV CYCLE

Doctorate course are listed according to the following CUN (National University Council) areas:

- CUN Area 1** **Mathematical and Computer Sciences**
- CUN Area 2** **Physical Sciences**
- CUN Area 3** **Chemical Sciences**
- CUN Area 4** **Earth Sciences**
- CUN Area 5** **Biological Sciences**
- CUN Area 6** **Medical Sciences**
- CUN Area 7** **Agricultural and Veterinary Sciences**
- CUN Area 8** **Engineering and Architecture**
- CUN Area 9** **Industrial and information Engineering**
- CUN Area 10** **Antiquity, Philological-Literary and Historical-Artistic Sciences**
- CUN Area 11** **Historical, Philological, Pedagogical and Psychological Sciences**
- CUN Area 12** **Juridical Sciences**
- CUN Area 13** **Economic and Statistic Sciences**
- CUN Area 7** **Political and Social Sciences**

List of places for each Doctorate Course (Annex 1)

Call Code	Doctorate	Courses of Study	CUN Area	Doctorate Seat	Other Associated and/or participant Universities	Positions	
						Positions reserved with or without grant	extra places available without grant
1	Mathematical and Computer Sciences	=====	1	Dept. of Mathematic and computer sciences	=====		2
2	Physical Sciences	=====	2	Dept. of Physic	=====	1 (with grant)	2
3	Chemical Sciences	=====	3	Dept. of Chemistry "Stanislao Cannizzaro"	=====		2
4	Earth Sciences	A) Geochemistry	4	Dept. of Earth and Sea Sciences (DISTEM)	=====		2
		B) Geology	4		=====		2
5	Environmental Biology and Biodiversity	A) Animal Biology	5	Dept. of Environmental Biology and Biodiversity	=====		2
		B) Vegetal Biodiversity and landscape ecology	5		=====	1 (without grant)	1

Call Code	Doctorate	Courses of Study	CUN Area	Doctorate Seat	Other Associated and/or participant Universities	Positions	
						Positions reserved with or without grant	extra places available without grant
6	Cellular Biology and Technological Sciences of the Drug	A) Cellular Biology	5	Dept. of Molecular and Biomolecular Sciences and Technologies	=====	1 (with grant)	2
		B) Pharmaceutical Sciences	3		=====	1 (without grant)	2
		C) Technology of biologically active substances	3		Bari - Catania		2
7	Biomedicine and Neuroscience	A) Experimental and Molecular Medicine	5 - 6	Dept. of experimental biomedicine and N.C	=====	2 (with grant)	2
		B) Experimental Oncology	5 - 6		=====		2
		C) Neurosensorial Physiopathology	5 - 6		=====		2
		D) Neurosciences and behavioural disorders	5 - 6		Univ.Torino; Libera Università "Vita-Salute S. Raffaele" di Milano	1 (with grant)	3
8	Molecular Medicine	A) Human alimentation and nutrition	5	Dept. of Biopathology and Medical - Forensic Biotechnologies	Univ.Messina	1 (with grant)	1
		B) Biopathology	6		=====		2
		C) Physiopathology of Metabolism: lipids and lipoproteins	6		Univ.Catania		1
9	Experimental Biotechnology and Medical Applied Sciences	A) Genomics and Proteomics on Oncology and Endocrine-Metabolic	6	Biomedical dept. of Internal and Specialist Medicine (Di.Bi.M.I.S.)	=====		2
		B) and Physiopathology of Cardiovascular Damage in Endocrine-Metabolic Diseases	6		=====		1
		C) Experimental and Clinical Pneumology	6		Cattolica Sacro Cuore Roma, Insubria,Brescia, Roma La Sapienza		2
10	Physiopatology and Image Diagnostic in Internal Medicine	A) Physiopathology and Image Diagnostics in Cardiovascular and Renal Ambit and in Sports	6	Dept. Experimental Internal Medicine DIMIS	=====		1
		B) Physiopathology of liver	6		=====		1

Call Code	Doctorate	Courses of Study	CUN Area	Doctorate Seat	Other Associated and/or participant Universities	Positions	
						Positions reserved with or without grant	extra places available without grant
11	Cardiovascular Medicine and Surgery-Urological Biotechnology	A) Urological Sciences	6	Maternal, Infantil and Andrology and Urology University Department	Seconda Università di Napoli		1
		B) Cardiovascular Sciences: from molecular biology to clinic	6		=====		1
		C) Biotechnology and Surgery Regenerative Medicine in the insufficient organ	6		Univ.Perugia – Seconda Università di Napoli		2
12	Clinical and Molecular Oncology	A) Applied Clinical and Experimental Oncology	6	Dept. Of Surgical and Oncological Disciplines	Univ. Foggia		2
		B) Clinical Cellular and Molecular Oncopatology	6		=====		1
13	Agro-Forest Sciences	A) Agriculture and Economy Policy	7	Dept. DEMETRA	Univ. Messina – Univ. Mediterranea di Reggio Calabria		1
		B) Eco-Compatible Phytosanitary Management in Agro-Forest and Urban Environments	7		Univ. Catania – Univ. Mediterranea di Reggio Calabria	1 (with grant)	2
		C) Agricultural and forest arboreous system	7		=====		1
14	Afro-Forest Systems	A) Mediterranean Agro-Eco System	7	Dept. of Agro-Forest Systems	=====	1 (without grant)	1
		B) Environmental Hydronomics	7		=====	1 (without grant)	1
		C) Technologies for Environmental Sustainability and Reclamation	7		=====		2
15	Analysis, Planning and Representation of Local, Urban, Historical-Architectural and Artistic Resources	A) Urban and Regional Planning	8 (inside a 3, 5, 9, 19 e 11)	Dept. of Architecture	=====	1 (with grant)	2
		B) History and Representation of the Architecture and the City			Messina – Catania	1 (with grant)	2
		C) Art, History and Architectural Conservation in Sicily			=====		1
16	Architecture	A) Architectural Planning	8	Dept. of Architecture	Univ.Napoli "Federico II"; Parma, Mediterranea di Reggio Calabria, Politecnico Milano		2
		B) Revival of Ancient Contexts and Innovative Processes in Architecture	8		Univ. Mediterranea di Reggio Calabria	1 (with grant)	2

Call Code	Doctorate	Courses of Study	CUN Area	Doctorate Seat	Other Associated and/or participant Universities	Positions	
						Positions reserved with or without grant	extra places available without grant
17	Civil and Environmental Engineering	A) Hydraulic and Environmental Engineering	8	Civil and Environmental Engineering	=====		2
		Road network Engineering Infrastructures B)	8		Università Mediterranea di Reggio Calabria		2
		C) Engineering Structures	8		=====		2
18	Energy	A) Energetics	9	Dept. of Energy	Univ. Sannio – Napoli “Federico II” - Parthenope Napoli		1
		B) Environmental Technical Physic	9		Università Catania - Mediterranea di Reggio Calabria		1
		C) Transportation Technique and Economics	8		Università Cagliari		1
19	Electric, Electronic and Communications Engineering, Mathematics and Automation Science	A) Electric Engineering	9	Dept. of Electric, Electronic and Communications Engineering	=====		2
		B) Electronic and Communication Engineering	9		=====		7
		C) Mathematics and Automation Science for Scientific and Technological Innovation	1 - 9		=====		3
20	Chemical, Management, Information and Mechanical Engineering	A) Chemical ad Materials Engineering	9	Dept. Of Chemical, Management, Informatic and Mechanical Engineering	=====		2
		B) Production Engineering	9		Università Catania		3
		C) Information Engineering	9		=====		2
		D) Mechanical Design	9		=====		1
21	Greek – Latin Philology and Civilisation, History of the ancient Mediterranean	=====	10	Dept. of Cultural, Historical- Archaeological, Socio-anthropological and geographic heritage	Università Pavia – Catania - Messina		2

Call Code	Doctorate	Courses of Study	CUN Area	Doctorate Seat	Other Associated and/or participant Universities	Positions	
						Positions reserved with or without grant	extra places available without grant
22	Philological and Linguistic Literary Studies	A) Modern Literatures and Philological-linguistic Studies	10	Dept. of Philological and Linguistic Studies	Università Messina	1 (with grant)	2
		B) Italian Studies, literary text: forms and history	10		Università Roma III – Seconda Università Napoli		1
23	Philosophical Sciences	A) Philosophy	11	Dept. FIERI-AGLAIA	=====		2
		B) Aesthetics and theory of Arts	11		Università di Salerno		2
		C) Philosophy of Language, mind and educational processes	11		Università di Catania	1 (with grant)	2
24	Psychological and Social Sciences	A) Psychology	11	Dept. of Psychology	=====	1 (with grant)	2
		B) Public Relations	11		=====	1 (with grant)	2
25	History of Culture and Technique	=====	11	Dept. DISMOT	=====		2
26	Comparative Law	Doctoral School of supranational and domestic law	12	Dept. of Private General Law	Univ. Valle d'Aosta – Torino – Pavia – Piemonte Orientale – Napoli "Federico II" – Trieste – Pisa		2
27	Private Law	Section of the International Doctorate School "Tullio Ascarelli" Roma	12	Dept. of Private General Law	=====		2
28	Roman and Public Supranational and National Law (Doctoral School of supranational and domestic law)	A) Roman Law Subjects (Roman Law and Antiquity Law)	12	Dept. IURA Rights and Defenses in National and Supranational Law	Univ. Napoli "Federico II" – Univ. Messina – Univ. Catania		2
		B) European Integration Process and International Law	12		Università Enna "Kore" – Univ. Torino – Univ. Bologna – Seconda Univ. Napoli		2
29	Fundamentals of European Law and comparativist Methodology	Is part of Doctoral School in European Law, European history and European legal systems - Roma III	12	(D.E.M.S.)	Università Cagliari – Univ. Foggia – Univ. Trieste		1

Call Code	Doctorate	Courses of Study	CUN Area	Doctorate Seat	Other Associated and/or participant Universities	Positions	
						Positions reserved with or without grant	extra places available without grant
30	ECONOMY AND TERRITORIAL DEVELOPMENT	A) Economic Analyses, Technological Innovation and Management of Regional Development Policies	13	Dept. of Economic, Business and Financial Studies (SEAF)	=====		1
		B) Touristic Sciences: methodologies, models and policies	13		=====		1
		C) , Regional and Total Quality Analysis	13		=====		2
31	STATISTICS, APPLIED STATISTICS AND QUANTITATIVE FINANCE	=====	13	Dept. of Statistical and mathematical Science "S. Vianelli"	=====		1
32	SOCIOLOGY, TERRITORY AND AGRICULTURAL DEVELOPMENT	=====	14	Dept. of Studies on Politics, Law and Society	=====		1
DOTTORATI INTERNAZIONALI							
33	ENVIRONMENTAL AGRONOMY	=====	7	Dept. of Agro-environmental Systems	Università Viterbo – Mediterranea Reggio Calabria – IASI Romania	1 (with grant)	3
34	HUMAN RIGHTS: EVOLUTION, DEFENCE AND LIMITATIONS	Doctoral School of supranational and domestic law	12	: Department of Studies in Law, Politics and Society	Università Cattolica Sacro Cuore Milano – Padova – Napoli "Federico II"		3
35	APPLIED PHYSICS	A) Applied Physic	2	Dept. of Physic	Russia – Università di Lomonosov - Norgovod	1 (with grant)	2
		B) Mathemstics, Physics and Chemical Didactic and History	1 2 3		=====	1 (with grant)	3
36	MEDITERRANEAN FRUIT GROWING	=====	7	Dept. DEMETRA	Univ. Politecnica di Valencia (Spagna) - Univ. Of Ain Shams (Egitto)	1 (with grant)	2
37	IMMUNOPHARMACOLOGY	=====	6	Dept. of Biopathology and Medical and Forensic Biotechnologies (DIBIMEF)	Univ. Stoccolma (Svezia) – Jokohama (Giappone)		2
38	MODELS FOR PLANNING AND CONTROL FOR PUBLIC ADMINISTRATION POLICIES AND STRATEGIES	=====	13	C.I.S.E.COM.– Inter-departmental centre of European and Comparative Studies "G. Martino e G. Criscuoli"	Univ.Foggia – Univ. Bergen (Norvegia) – Univ. Njimegen (Olanda) Univ.Lund (Svezia)		2
39	Cultural European Studies	=====	6	Dept. of Culture, Arts, History and Communication	Università Bari – Milano Bicocca – Heinrich-Heine – Murcia - Valencia		3