

Area Ricerca e Sviluppo – Formazione per la Ricerca Dottorati di Ricerca

IMPORTANT NOTICE

RESEARCH DOCTORATES - CALL FOR FOREIGN STUDENTS AND INTERNATIONAL DOCTORATES

The call for the public selection for the XXIV Cycle of Research Doctorate Courses – Academic Year 2010/2011 will be published in the Italian Official Gazette– "Competitive Exams", on August 24th.

Foreign students may apply to participate <u>to all courses</u> provided for in "attachment 1". A certain amount of positions without grant is provided for; for these positions a specific ranking list will be drawn: these positions are better specified in attachment 1. International Doctorate courses, regulated by the Articles 5, 6 and 7 below, follow the same rules of the above mentioned Call

ABSTRACT - Decree nr 2649-2010

Call for the public selection of participants to Doctorate Courses at the University of Palermo Academic Year 2010/2011 (XXIV Cycle)

Omissis

Article 5 Admission Tests

Selection is based upon qualifications and examinations.

Examinations aim at ascertaining candidates' attitude towards scientific research.

Admission examinations consist of:

- Written test (the duration, from 4 hrs minimum to 6 hrs will be defined by the examining Board);
- <u>Interview</u>, where the candidate will expose his/her research plan, already sent as an attachment to his/her application, related to the relevant Doctorate issues.

Candidates have also to demonstrate their fluency in a foreign language.

Candidates will be admitted to examinations upon presentation of a valid identification document.

Each Evaluation Board has 100 points at its disposal, distributed as follows:

- 1. Written test maximum 40/100 points. Minimum pass mark is 28/40;
- 2. **interview** maximum 40/100 points. Minimum pass mark is 28/40;
- 3. **qualifications** maximum 20/100, distributed as follows:
 - graduation mark 10 points maximum (1 point for each mark above 101/110 + 1 point for praise)
 - other qualifications 10 points maximum (other degree, post-degree specialisation courses certifications, attendance to other courses, study periods within Italian and foreign scientific institutions, and anything else deemed useful to demonstrate study and research activities).

During the first meeting, the Examining Board will explicitly fix the criteria and modalities for the evaluation of qualifications, as well as for examination procedures.



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Qualifications will be evaluated after the written test, and before the correction of relevant papers. Candidates will be considered eligible after passing both tests with the minimum pass mark.

Written examinations will take place between November 5th and November 25th, 2010.

The schedule of Written examinations, with the indication of the examination venues with respect to each doctorate course, will be published on 25th of October 2010, in the website of the University of

Palermo:

http://portale.unipa.it/amministrazione/arearicercasviluppo/formazioneperlaricerca/home/dottorati.html, as well as on the official board of the University (piazza Marina, 61), and <u>is to be considered, under all</u> respects, as an official convocation of candidates.

Candidates will be convoked for the interview during the written test by the examination Board; interviews might also take place the day after written tests.

The list of candidates admitted to the interview, with the indication of the mark they obtained in the written test and of the evaluation of qualifications, will be published by the Board itself through the notice board of examination premises.

Interviews must in any case take place by dicember 10th, 2010.

Article 6 Admission tests for foreign candidates

All foreign candidates may participate to competitive selection.

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

Foreign candidates participating to the selection for reserved or supernumerary positions, should make an explicit request in their application form if:

- 1) they apply for **positions reserved for foreign students (without grant)**, for which a specific list will be drawn;
- 2) they ask for **supernumerary positions**, (up to 50% of the positions in the relevant call), if eligible, in a dedicated list, (as per par.13, letter p of the Research Doctorate rules and regulations), after the qualified opinion of the Board of Doctorate Professors 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. Qualifications will be evaluated by the Board before the interview.

The Examining Board will communicate by e-mail the dates of interviews to foreign candidates.

The Evaluation Board has 60 points at its disposal, distributed as follows:

1) **interview** – maximum 40/100 points. Minimum pass mark is 28/40;



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- 2) qualifications - maximum 20/100, distributed as follows:
 - graduation mark 10 points maximum (1 point for each mark above 101/110 + 1 point for praise)
 - other qualifications 10 points maximum (other degree, post-degree specialisation courses certifications, attendance to other courses, study periods within Italian and foreign scientific institutions, and anything else deemed useful to demonstrate study and research activities).

Candidates applying for positions with grants (and not for the reserved positions), will follow the same selection process of Italian ones, as per Article 5 above.

Foreign candidates must also certify (self-certification as per 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.

Article 7 **International Doctorates**

The following International Research Doctorate Courses have been approved by the Academic Senate on 13/07/2010:

- Applied Physics cun area*2
- Immune-pharmacology cun area*6
- Mediterranean Fruit-growing cun area*7
- Environmental agronomy cun area*7
- European Cultural studies cun area*10
- Human rights: evolution, defence and limitations cun area*12
- Models for planning and control for public administration policies and strategies cun area*14

*National University Council

For the above mentioned Doctorate Courses, included in "attachment 1" to this Call, candidates should fill application forms in Italian, one form for each course they wish to apply for, according to "Attachment A", which is an integral part of this Call, filling the form with all required information. The same rules and modalities of the Call apply for everything is not explicitly provided for by this article.

Omissis



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Attachment 1

RESEARCH DOCTORATES Academic Year 2010-2011 – XXIV CYCLE

Doctorate courses 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
Earth sciences

CUN Area 5 Biological sciences

CUN Area 6 Medical sciences

CUN Area 7 Agricultural and veterinary sciences
CUN Area 8 Civil engineering and architecture

CUN Area 9 Industrial and information engineering

CUN Area 10 Antiquity, philological-literary and historical-artistic sciences

CUN Area 11 Historical, philosophical, pedagogical and psychological sciences

CUN Area 12 Juridical sciences

CUN Area 13 Economic and statistical sciences

CUN Area 14 Political and social sciences

				Other		Туре о	f grant		Pos	sitions	
Call code	CUN Area	Doctorate	Doctorate seat	associated and/(or participant Universities	and/(or provider agencies		Grants form other agencie s	With grant	Withou t grant	Positions reserved to foreign students (without grant)	Total
01	1	Mathematics and Computer science	Dept. of Mathematics and Applications			3		3	3		6
02	1 2 3	History and Didactics of Mathematics, Physics and Chemistry	Dept. of Mathematics and Applications	Bologna; Pisa,Bari, Bratislava, Slovacchia; Nitra, Slovacchia; Napoli "Federico II"; Alicante, Spagna; Cipro		4		4	3	1	8



						Туре о	f grant		Pos	sitions	
Call code	CUN Area	Doctorate	Doctorate seat	Other associated and/(or participant Universities	Grant provider agencies	Universi ty grants	Grants form other agencie s	With grant	Withou t grant	Positions reserved to foreign students (without grant)	Total
03	2	Physics	Dept. of Physical and Astronomical sciences			4		4	3	1	8
04	2	Applied Physics (International Doctorate)	Dept of Physics and relative technologies			4		4	2		6
05	3	Chemical sciences	Dept. of organic chemistry "E. Paternò"			4		4	4		8
06	3	Pharmaceutical sciences	Pharmacological- chemical, toxicological and biological Dept.			3		3	3		6
07	3	Technologies of biologically active substances	Dept. of Chemistry and Pharmaceutical Technologies	Bari; Catania		3		3	3		6
08	4	Geochemistry	Dept. of Earth Chemistry and Physics and applications to georesources and natural hazards			3		3	2		5
09	4	Geology	Dept. of Geology and Geodesy			3		3	2		5
10	5	Human alimentation and nutrition	Dept. of Health promotion sciences	Messina		1		1	2	1	4
11	5	Animal biology	Dept. of Animal Biology			3		3	3		6
12	5	Cellular biology (Cellular and development biology)	Dept. of Cellular and development biology			3		3	2	1	6
13	5	Genomics and proteomics on oncologic and endocrinemetabolic	Dept. of experimental oncology and clinical applications			4		4	2	1	7



				Other		Туре о	f grant		Pos	sitions	
Call code	CUN Area	Doctorate	Doctorate seat	associated and/(or participant Universities	Grant provider agencies	Universi ty grants	Grants form other agencie s	With grant	Withou t grant	Positions reserved to foreign students (without grant)	Total
		research	(DOSAC)								
14	5 6	Experimental oncobiology	Dept. of experimental biomedicine and N.C. (BioNeC)		Istituto Zooprofilattic o Sperimentale Sicilia	3	1*	4	2		6
15	5	Vegetal biodiversity and landscape ecology(formerl y "Vegetal resources")	Dept. of Botanical science			1		1	1	1	3
16	6	Biopathology	Dept. of Biopathology and Biomedical methodologies			4		4	4		8
17	6	Surgical biotechnologies and regenerative medicine in organ insufficiency	Dept. of General, emergency surgery and organ transplantation	Università di Perugia, Seconda Università di Napoli	Centro Andros S.r.l.	2	1*	3	3		6
18	6	Physiopathology of metabolism: lipids and lipoproteins	Dept. of Clinical Medicine and emerging pathologies	Catania		1		1	1	1	3
19	6	Physiopathology of liver diseases	Dept. of Clinical Medicine and emerging pathologies			1		1	1	1	3
20	6	Physiopathology and image diagnostics in cardiovascular and renal ambit and in sports	Dept. of Internal Medicine, Cardiovascular and nephrourological diseases	Messina; Pavia		1		1	2		3
21	5 6	Neurosensorial physiopathology	Dept. of experimental biomedicine and N.C. (BioNeC)			3		3	2		5
22	6	Genetics and physiopathology of cardiovascular damage in endocrinemetabolic diseases	Biomedical dept. of Internal and Specialist Medicine			1		1	1	1	3



				Other		Туре о	f grant		Pos	sitions	
Call code	CUN Area	Doctorate	Doctorate seat	Other associated and/(or participant Universities	Grant provider agencies	Universi ty grants	Grants form other agencie s	With grant	Withou t grant	Positions reserved to foreign students (without grant)	Total
23	6	Immunopharma cology (International Doctorate)	Dept. of Biopathology and Medical and Forensic Biotechnologies			4		4	4		8
24	5 6	Experimental and Molecular Medicine	Dept. of experimental biomedicine and N.C. (BioNeC)			4		4	3	1	8
25	5 6	Neurosciences and behavioural disorders	Dept. of Health promotion sciences	Torino; Libera Università "Vita-Salute S. Raffaele" di Milano		4		4	3	1	8
26	6	Applied clinical and experimental Oncology	Dept. of Surgical and Oncological Disciplines	Foggia		1		1	2		3
27	6	Clinical cellular and molecular oncopathology	Dept. of Surgical and Oncological Disciplines			1		1	1	1	3
28	6	Experimental and clinical Pneumology	Biomedical dept. of Internal and Specialist Medicine	Cattolica Sacro Cuore Roma, Insubria,Bre scia, Roma La Sapienza	Chiesi Farmaceutici S.p.A.	2	1*	3	2		5
29	6	Cardiovascular sciences: form molecular biology to clinics	Dept. of Internal Medicine, Cardiovascular and nephrourological diseases			1		1	2		3
30	6	Urological sciences	Dept. of Internal Medicine, Cardiovascular and nephrourological diseases	Catania, Seconda Università di Napoli	Seconda Università di Napoli	1	1*	2	2		4
31	7	Mediterranean agro- ecosystems	Dept. of Environment and Regional Agronomy			1		1	1	1	3
32	7	Environmental Agronomy(Inter national Doctorate)	Dept. of Environment and Regional Agronomy	Univ. Mediterranea di Reggio Calabria – Tuscia Viterbo		3		3	3		6



				Othor		Туре о	f grant		Pos	sitions	
Call code	CUN Area	Doctorate	Doctorate seat	Other associated and/(or participant Universities	Grant provider agencies	Universi ty grants	Grants form other agencie s	With grant	Withou t grant	Positions reserved to foreign students (without grant)	Total
33	7	Agricultural economics and policy	Dept. of Economics of agro-forest systems	Messina; Univ. Mediterranea di Reggio Calabria		1		1	2		3
34	7	Mediterranean Fruit-growing (International Doctorate)	S.En.Fi.Mi.Zo Dept.	Univ. Politecnica di valencia - Univ. Of Ain Shams -		4		4	4		8
35	7	Eco-compatible Phytosanitary management in agro-forest ad urban environments	S.En.Fi.Mi.Zo Dept.	Univ. Mediterranea di R.C.; Catania	Istituto Zooprofilattic o Sperimentale Sicilia	3	1*	4	2		6
36	7	Environmental hydronomics	Dept. Of Agro- forest Engineering and Technologies			1		1	2		3
37	7	Agricultural and forest arboreous systems	Dept. of Arboreous Crops			1		1	2		3
38	3 5 7	Technologies for environmental sustainability and reclamation	Dept. Of Agro- forest Engineering and Technologies		Archimede S.r.l.	3	1*	4	4		8
39	8	Road infrastructure Engineering	Dept of Civil, Environment and Aerospace Engineering	Uni Mediterranea R. C. – Univ. Catania		3		3	1		4
40	8	Structure Engineering	Dept of Civil, Environment and Aerospace Engineering			3		3			3
41	8	Hydraulic and Environmental Engineering	Dept of Civil, Environment and Aerospace Engineering	Università Messina		3		3	2		5
42	8	Urban and Regional Planning	Dept. Town and Territory			4		4	3	1	8
43	8	Architectural Design	Dept. of History and Design in Architecture	Napoli "Federico II"; Reggio Calabria; Parma,Polite cnico Milano	Accademia delle belle arti di Brera	3	1*	4	2		6



						Туре о	f grant		Pos	sitions	
Call code	CUN Area	Doctorate	Doctorate seat	Other associated and/(or participant Universities	Grant provider agencies	Universi ty grants	Grants form other agencie s	With grant	Withou t grant	Positions reserved to foreign students (without grant)	Total
44	8	Revival of ancient contexts and innovative processes in architecture	Dept. of Design and Building Construction	Uni Mediterranea R. C.		4		4	4		8
45	8	History of Architecture and Conservation of Architectural Goods	Dept. of History and Design in Architecture	Catania; Messina		4		4	3	1	8
46	8	Transportation technique ad economics	Dept. of Transportation Engineering	Cagliari	Fondo per il sostegno dei giovani e per favorire la mobilità degli studenti	1	1*	2	2		4
47	9	Energetics	Dept. of energy and environment research	Università del Sannio; Università di Cassino; Napoli "Federico II; "Parthenope" di Napoli	Istituto Nazionale di Fisica Nucleare (INF N)	1	1*	2	1	1	4
48	9	Environmental technical Physics	Dept. of energy and environment research	Università Catania; Università Mediterranea di Reggio Calabria;		1		1	1	1	3
49	9	Chemical and materials engineering	Dept of chemical process and materials Engineering	Politecnico di Bari		4		4	1		5
50	9	Production engineering	Dept. of Technology, Production, Mechanics and Operations engineering (DTMPIG)	Università Catania; Università del Sannio		3		3	1		4
51	9	Electric engineering	Dept. of Electric, Electronic and Telecommunicatio ns Engineering			3		3	2	1	6



				Other		Туре о	of grant		Pos	sitions	
Call code	CUN Area	Doctorate	Doctorate seat	Other associated and/(or participant Universities	Grant provider agencies	Universi ty grants	Grants form other agencie s	With grant	Withou t grant	Positions reserved to foreign students (without grant)	Total
52	9	Electronic and Telecommunicat ions Engineering	Dept. of Electric, Electronic and Telecommunicatio ns Engineering			3		3	2	1	6
53	9	Information Engineering	Dept. of Information Engineering			4		4	1	1	6
54	1 9	Mathematics and Automation science for Scientific and Technological Innovation	Dept. of Automation and Systems Engineering			2		2	2		4
55	9	Mechanical Design	Dept. of Mechanics			1		1	2		3
56	10 11	Greek -latin Philology and civilisation and History of the ancient Mediterranean	Dept. of Cultural, Historical- Archaeological, Socio- anthropological and geographic heritage	Università Pavia – Catania - Messina		4		4	4		8
57	10	Italian studies, literary text: forms and history	Dept of Philological and Linguistic Studies	Uni Roma III – Seconda Univ. Napoli		1		1	1	1	3
58	10	Modern Literatures and Philological- linguistic studies	Dept of Philological and Linguistic Studies	Univ. di Messina - Catania		4		4	2		6
59	10	History of medieval, modern and contemporary art in Sicily	Dept. of Historical and Artistic Studies	Alma Mater Studiorum – Bologna Messina		1		1	2		3
60	10	European Cultural Studies (International Doctorate)	Dept. of Arts and Communication	Bari;		4		4	4		8
61	11	Aesthetics and theory of arts	Dept. of Philosophy, History and Criticism of Knowledge - FIERI	Università Salerno		4		4	4		8



				Othor		Туре о	f grant		Pos	sitions	
Call code	CUN Area	Doctorate	Doctorate seat	Other associated and/(or participant Universities	Grant provider agencies	Universi ty grants	Grants form other agencie s	With grant	Withou t grant	Positions reserved to foreign students (without grant)	Total
62	11	Philosophy	Dept. of Philosophy, History and Criticism of Knowledge - FIERI			3		3	3		3
63	11	Philosophy of language and mind	Dept. of Philosophy, History and Criticism of Knowledge	Università Catania		4		4	2	2	8
64	11	Psychology	Dept. of Psychology			4		4	3	1	8
65	11	Public Relations	Dept. of Psychology			3		3	2	1	6
66	11	History of Culture and Technique	Dept. ETHOS. Analysis of Community, Representations and Educational Systems			3		3	3		3
67	12	Human rights: evolution, defence and limitations (International Doctorate)	Doctorate School in Supranational and national Law	Padova - Napoli Federico II - Milano Sacro Cuore		4		4	4		8
68	12	Comparative law	Doctorate School in Supranational and national Law	Univ. Valle d'Aosta – Torino – Pavia – Piemonte Orientale – Napoli "Federico II" – Trieste – Foggia – Pisa		3		3	3		6
69	12	European and national law: sources, organisation and activities	Doctorate School in Supranational and national Law	Università Enna "Kore" – Univ. Torino		4		4	4		8
70	12	Private law (participates in the International Doctorate School of Law and Economics "Tullio Ascarelli" - University of Rome III)	Dept. of general Private Law		Provincia Regionale di Ragusa	4	1*	5	5		10



						Туре с	f grant		Pos	sitions	
Call code	CUN Area	Doctorate	Doctorate seat	Other associated and/(or participant Universities	Grant provider agencies	Universi ty grants	Grants form other agencie s	With grant	Withou t grant	Positions reserved to foreign students (without grant)	Total
71	12	Roman law subjects (Roman Law and Antiquity Law)	Doctorate School in Supranational and national Law	Catania; Napoli Federico II; Messina	Università di Napoli "Federico II	3	1*	4			4
72	12	Fundamentals of European law and comparativist methodology (participates to the Doctorate School in European Law. European history and juridical systems - Roma III)	Dept. of European studies and international integration (D.E.M.S.)	Cagliari; Trieste		1		1	1	1	3
73	13	Trend, regional and total quality analysis	Dept. of National Accounting and Analysis of Social Processes	Napoli "Parthenope"		4		4	2		6
74	13	Economic analyses, technological innovation and management of regional development policies	Dept. of Economic, Business and Financial Studies			1		1	1	1	3
75	13	Science of Tourism: methodologies, models and policies	Dept. of Quantitative Methods for Human Sciences			1		1	1	1	3
76	13	Statistics,Applie d Statistics and Quantitative Finance	Dept. of Statistical and mathematical Science "S. Vianelli"			1		1	2		3
77	13	Models for planning and control for public administration policies and strategies (International Doctorate)	Inter- departmental centre of European and Comparative Studies (C.I.S.E.Com.)	Foggia		4		4	3	1	8
78	14	Sociology, territory and agricultural development	Dept. of Studies on Politics, Law and Society			1		1	2		3



Università degli studi di Palermo Area Ricerca e Sviluppo – Formazione per la Ricerca

Dottorati di Ricerca

(Attachment A)

APPLICATION FORM

Al Magnifico Rettore dell'Università degli Studi di Palermo Piazza Marina, 61 90133 - PALERMO

The und	lersigne	ed (surname-i	name)							
Born in						(P	rovince),		
on (dd/n	nm/yyy	/y)/	/	, tax	payer's c	ode			,	
resident	in						, (Province _		_),	
Address	s:							_,		
Country	у		ZIP c	ode						
Phone n	umber/	/s				e-mail _				,
Mailing			(only							
			ZIP co							,
				A	PPLIES					
For	the	public	selection	for	the	Resea	arch Doc	torate	Course	in:
Academ	nic year	2010/2011								
Or (onl	y for fo	oreign stude	nts):							
□- For Doctora		rse in:	for positions							earch
Academ	nic year	2010/2011								
□- For Doctora			n for supern	umerary	position	s, as pe	er article 6 o	f the call	I in the F	Research

Academic year 2010/2011



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For this purpose, the undersigned declares, under his/her responsibility (art. 46, D.P.R. 28 December 2000 n. 445):

a)	To be (Country)citizen;
b)	To be/not to be grantee with a scholarship financed by the Italian Ministry of Foreign Affairs, or by the
	native Country;
e)	
1\	or an agreement with the University of Palermo;
d)	To have obtained, <u>in Italy</u> , a degree (specify if it is a degree according to previous regulations, or a 2 nd
	cycle degree), in, with the mark/110 , on (dd/mm/yyyy)/ at the University of
	;
	<u>or</u>
	to have obtained, within the <u>foreign University</u> of,
	to have obtained, within the <u>foreign University</u> of, the degree in with the mark, on (dd/mm/yyyy)/ already declared equivalent to an Italian Degree by Rector's Decree nr.
	; <u>or</u>
	to have obtained, within the <u>foreign University</u> of, the degree in with the mark, on (dd/mm/yyyy) / and asks the same degree to be considered equivalent to an Italian one only
	/ and asks the same degree to be considered equivalent to an Italian one only
	for the selection, enclosing to this form the documents required as per art. 2 paragraph 3 of this call;
	<u>or</u>
	he/she will obtain his/her (specify if it is a degree according to previous regulations, or a 2 nd cycle
	degree), in, before 04/11/2010 and he/she commits him/herself to respect the provisions of art. 2, paragraph 2 of this Call;
	04/11/2010 and he/she commits him/herself to respect the provisions of art. 2, paragraph 2 of this Call;
e)	To be/to be not holder of an employment contract with duration more than 1
-)	year:;
f)	To be/to be not a civil servant:;
g)	To be/to be not assignee of research scholarship:;
h)	To know the following foreign language, which will be object of testing during the selection:
,	;
:\	
	To commit him/herself to communicate in time any possible change of residence or mailing address;
	To be aware of all provisions of this call for public selection;
k)	(only for foreign citizens): to have adequate command of Italian language:



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1)	To be/to be not handicapped (in this latter case, please specify the needed aid with respect to handicap, as well as the possible need of additional time to complete examination;	
En	loses:	
	> European curriculum vitae	
	 Undersigned list of personal qualifications 	
	> Research plan.	
	 Photocopy of identification document. 	
de	undersigned also declares to be aware that the University of Palermo will verify the veracity of laration and that, in case of incorrect or false declarations, besides criminal liability, he/she will labele benefits, as per articles 75 and 76 of the D.P.R. n. 445, 128.12.2000	
	//2010 Place / day /month	
	Signature	_

Legislative Decree nr 196/03. <u>Code for the protection of personal data</u>
Personal data will be used by the University of Palermo, entitled to processing them under the provisions of Legislative Decree nr 196/03.