

Rector's Decree N. 3265

Notice of competition for 188 research doctorate places with the Università cattolica del Sacro Cuore – 22nd Cycle (Po Valley centres)
The Rector

Having seen:

the Charter of the Università Cattolica del Sacro Cuore, emanated with Rector's decree on 24 October 1996, and subsequent amendments and integrations;

the general regulations of the Università Cattolica del Sacro Cuore, promulgated with Rector's decree dated 26 October 1999, and subsequent amendments and integrations;

Law 3 July 1998, n. 210, and in particular Article 4;

Ministerial decree 30 April 1999, n. 224;

His own decree n. 3065 of 24 May 2006, namely: «Amendments to the "Regulations for research doctorate courses and research doctorate schools at the Università Cattolica del Sacro Cuore"»;

Legislative Decree 30 June 2003, n. 196;

The favourable opinion of the University Evaluation Committee dated 5 June 2006;

The decision taken by the Academic Senate during the meeting of 3 July 2006;

The decision taken by the governing Committee during the meeting of 12 July 2006,

DECREES

Art. 1 Institution

The 22nd cycle of research doctorate courses is instituted.

A public competition will be held by the Università Cattolica del Sacro Cuore for admission to research doctorate courses as listed below.

For each research doctorate course we show the duration of the course, the number of places available, the number of scholarships, the associated universities and contractbound agencies, the co-ordinator, the teaching body, the research fields and the foreseen teaching course programme (if applicable).

The number of scholarships can be increased in the case of private and public financing, if the respective convention is signed before expiry of the competition Notice.

An increase in scholarships can increase the number of places available.

OMISSIS

Doctoral School on the Agro-Food System

Duration: 3 years

Places: 28

Places with scholarship: 14

Places without scholarship: 14

Associated centres:

University of Bologna;

University of Florence;

University of Milan;

University of Padua;

University of Tuscia;

University of Sussex.

The following agencies and companies will collaborate by offering each a scholarship:

- 1) Fondazione di Piacenza e Vigevano
- 2) MIUR – Direzione Generale per l'Università
- 3) University of Tuscia
- 4) Cooperativa Terre Emerse, Bagnocavallo (RA)

Information: <http://www.unicatt.it/dottorati/agrisystem>

Teaching staff

- Prof. Gianfranco PIVA - Università Cattolica del Sacro Cuore, Co-ordinator;
- Prof. Antonio ALBANESE - Università Cattolica del Sacro Cuore;
- Dott. Claudio BAFFI - Università Cattolica del Sacro Cuore;
- Prof.ssa Paola BATTILANI - Università Cattolica del Sacro Cuore;
- Prof. Giuseppe BERTONI - Università Cattolica del Sacro Cuore;
- Prof. Francesco BESTAGNO - Università Cattolica del Sacro Cuore;
- Prof. Luigi CALAMARI - Università Cattolica del Sacro Cuore;
- Prof. Pier Sandro COCCONCELLI - Università Cattolica del Sacro Cuore;
- Prof. Piero CRAVEDI - Università Cattolica del Sacro Cuore;
- Prof. Dante Marco DE FAVERI - Università Cattolica del Sacro Cuore;
- Prof. Marco ELEFANTI - Università Cattolica del Sacro Cuore;
- Prof. Luciano EUSEBI - Università Cattolica del Sacro Cuore;
- Prof. Mario FREGONI - Università Cattolica del Sacro Cuore;
- Prof. Fernando LEONINI - Università Cattolica del Sacro Cuore;
- Prof. Carlo LORENZONI - Università Cattolica del Sacro Cuore;
- Prof. Alessandro MANGIA - Università Cattolica del Sacro Cuore;
- Prof. Adriano MAROCCO - Università Cattolica del Sacro Cuore;
- Prof. Paolo AJMONE MARSAN - Università Cattolica del Sacro Cuore;
- Prof. Francesco MASOERO - Università Cattolica del Sacro Cuore;
- Prof.ssa Valeria MAZZOLENI - Università Cattolica del Sacro Cuore;
- Prof. Lorenzo MORELLI - Università Cattolica del Sacro Cuore;

- Prof. Andrea Paolo PERRONE - Università Cattolica del Sacro Cuore;
- Prof. Amedeo PIETRI - Università Cattolica del Sacro Cuore;
- Dott.ssa Mariacristina PIVA - Università Cattolica del Sacro Cuore;
- Prof. Daniele RAMA - Università Cattolica del Sacro Cuore;

- Prof. Sandro SILVA - Università Cattolica del Sacro Cuore;
- Dott.ssa Giorgia SPIGNO - Università Cattolica del Sacro Cuore;
- Prof. Francesco TIMPANO - Università Cattolica del Sacro Cuore;
- Prof. Marco TREVISAN - Università Cattolica del Sacro Cuore;
- Prof. Luciano VENTURINI - Università Cattolica del Sacro Cuore.

Research Themes:

Food quality and safety

The aim is to study the different stages of the productive process, in order to guarantee appropriate safety at origin, during processing and in the use of different food products, as well as a high standard of quality;

Molecular biotechnologies

Aims to develop molecular techniques which can be applied to microbiology and animal and plant physiology, especially with regard to the agro-food and veterinary fields;

Food technologies

Directed towards the study of fermented beverage processes (especially wine and beer) and towards innovative development of food industry processes and plant;

Agricultural and environmental chemistry

The aim is to study the preservation and improvement of the productivity and the quality of soil in order to promote the quality and healthiness of agricultural produce;

Sustainable animal production

Aims to study the system of animal production especially in regard to the animal intrinsic quality (genetics) and environmental factors able to guarantee optimum productive yields concerning quantity and quality, while guaranteeing the sustainability of the whole system;

Sustainable plant production

The purpose is to study in depth topics related to the production and pest defence of herbaceous, trees and vine cultivations, with special regard for protecting natural resources;

Economics and management

It is aimed to study the following areas in depth: economics of the agro-food sector (with reference to the development of consumer behaviour, changes in competition, effects of national and international legislation); management of innovation (focusing on the application of topics of innovation management to the specific problems of the agro-food sector); models for policy evaluation (for studying multisectoral models of evaluation of trade policies for the agro-food production chain and their implications);

Regulation of the agro-food system, protection of market safety and efficiency, system of

liability and sanctions

The aim is to study in depth the following topics:

- food legislation;
- comparative analysis of the safety systems at European level, in different continents, in the organisation of the WTO;
- systems of certification, self-certification, bodies responsible for the certification of organic produce, fair trade, quality foods;
- innovation of legislative policies in the food sector, with particular emphasis on the system of agencies, in the European and domestic context.

Teaching objectives and course programme:

At the Piacenza site of the Università Cattolica a Doctorate School of applied research operates for the study of the agro-food system, including reference to the economic aspects of innovation, entrepreneurship and related legal problems. The School is supported by the Faculty of Agriculture together with the Faculties of Economics and Law of the Piacenza site of the Università Cattolica del Sacro Cuore. The School aims to carry out training, aimed at meeting the need to prepare people able to work in different scientific and professional sectors, with well-developed analytical and interpretative skills to face events and who can combine technical, economic and legal aspects. The aim is to develop people destined to work at a high level in research, international bodies, company management, and national and local bodies. The location of the European Agency for Food Safety at Parma will certainly offer openings for persons with these skills.

The School will operate through traditional teaching, partly oriented towards a common core for the different areas, and partly towards specific training. The common core teaching will cover the principles of research methodology, ethical aspects and further study of scientific English and some exploitable methodologies (e.g. statistics, etc.). These aspects will be covered during the first year. The second year will be devoted partly to work experience abroad, to the start of research work and where necessary to specific traditional lessons. The third year should be dedicated to research and thesis preparation. The different phases of research activity will be carried out under the guidance of a member of the teaching staff. These activities will make use of the expertise of the site faculties, integrated with the participation of experts from other Italian and international institutions, in order to activate a system of multidisciplinary and multi-sectoral training in accordance with specific requirements.

The Doctorate School will thus permit the achievement of two specific goals:

1. training for the enhancement of the skills of young people motivated to learn top-level research methodologies;
2. management and development of innovative projects with possible spin-off in the area, and induction of a positive cycle of promotion of scientific research.

Examination schedule:

Evaluation results: 27 October 2006 into web site www.unicatt.it/dottorati/agrisystem

Oral: 15 November 2006, at 9.15 a.m. in "Aula S. Francesco" - Università Cattolica del S. Cuore
Via Emilia Parmense 84 - 29100 Piacenza - Italy

O M I S S I S

Art. 2 Admission requisites

There are no limits of age or citizenship. Candidates must have a specialist or teaching degree, or a degree obtained under didactic regulations existing before the enforcement of Ministerial Decree No. 509 dated 3 November 1999 and later amendments and integrations, or a similar foreign academic title accepted by the Academic Senate of the Università Cattolica after proposal by the teaching body.

The application for participation can also be submitted by those who will attain academic titles as above within the date of the first admission examination. In this case the candidate must submit to the admission Commission, during the first test and on pain of exclusion, a "declaration in place of certification" delivered according to DPR (Presidential Decree) No. 445 of 28 December 2000, attesting attainment of the degree or foreign academic title.

Italian, Community and non-Community candidates who hold - or will hold within the date of the first admission examination - a foreign academic title that has not already been accepted as suitable, must, for the sole purpose of admission to research doctorate courses or schools, apply for acceptance of the title in the request for admission to the competition. To this end the Application must be completed with the documents needed for the Teaching Body to decide on the suitability of the foreign title.

Art. 3 Admission Application

Those intending to participate in the competition must submit their Application to the Rector of the Università Cattolica del Sacro Cuore within the fixed term of thirty days after the date of publication of this Notice in the Official Gazette (Gazzetta Ufficiale) of the Italian Republic.

The deadline for admission to the Doctoral School on the Agro-Food System is **11 October 2006**.

The Application form (annex A) is available via Internet at website <http://www.unicatt.it/dottorati>.

Those who intend to compete must fill in the form as supplied via the Internet and return it by the same means.

A printed and signed copy of the Application form must be delivered by hand (within 17.00 hrs on the expiry date) or sent by registered letter or by express post with advice of receipt to the following address:

Università Cattolica del Sacro Cuore,
Ufficio Dottorati di Ricerca,
Largo Gemelli, 1,
20123 Milano, Italy,

within the fixed term noted at the first comma of this article. In this case the date considered will be that of the stamp of the accepting Post Office.

The Application must be submitted on plain paper.

If the indicated expiry date falls on a holiday, the term extends to the first subsequent working day.

Applications sent to other associated universities will not be accepted.

All Applications must refer to a single doctorate course or school.

In the Application candidates must declare precisely and under their own responsibility:

- their personal data: surname, name, date and place of birth, fiscal code, citizenship, residence and domicile chosen for the competition;
- if in possession of double nationality, of which one referring to a member state of the European Union, the candidate can opt for the latter;
- if possible, with reference to Community and non-Community citizens, an Italian domicile or the indication of the appropriate Embassy in Italia chosen as their domicile;
- the exact name of the competition in which the candidate intends to participate;
- for those holding degrees: the degree possessed, with the date of issue and the relevant university, or the foreign academic title;
- for those still to attain a degree: the title to be attained and the presumable date and the university which will issue the same or the academic title to be attained abroad, with the relevant university and the presumable date of attainment;
- languages known other than Italian (an adequate knowledge of Italian is requested of foreigners);
- timely, any change of residence or domicile chosen for the competition.

The candidate must enclose with the Application a copy of:

- his/her *curriculum vitae et studiorum*;
- a copy of his/her identity document.

Candidates who hold - or will hold at the time of the first admission test - a foreign academic title not yet accepted as suitable, must enclose with their Application the documents needed for the Teaching Body to decide on the suitability of the foreign title.

The University administration takes no responsibility for loss of communications due to inexact indication of his/her residence and domicile by the candidate, or due to delayed

or missing Notice of change of the same, nor for any postal or telegraphic error not due to the administration itself.

Candidates recognised as disabled must specify in the Application the aid needed in relation to their own disability, as to the meanings of Law No. 104 dated 5 February 1992. Candidates must pay a contribution of € 60,00 (sixty euro) – via direct credit – IBAN: IT95B0330903200211610000191 – SWIFT: BCIT BCITIT44 in the name of Università Cattolica del Sacro Cuore – BANCA INTESA - indicating the following motive:
“**Dottorati di ricerca – ciclo XXII - Università Cattolica del Sacro Cuore**”.

Art. 4 Admission examination

The admission examination, **unless otherwise specified**, consists in two tests, one written and one oral, designed to ascertain the preparation, abilities and aptitudes of the candidate for scientific research. During the oral examination, the candidate’s knowledge of the indicated foreign languages will be verified.

The examination tests can be held in a language other than Italian, after expressed and motivated decision taken by the Admission Commission and communicated to all candidates before starting the tests.

Foreign citizens must have adequate knowledge of the Italian language.

On basis the ascertained qualities, the Commission attributes to each candidate up to 60 points for each of the two tests.

Candidates who have obtained not less than 40/60 points in the written test are admitted to the oral test.

The oral test is passed if the candidate obtains not less than 40/60 points.

At the end of the examination, the Commission compiles a merit classification list on the basis of the points obtained by the candidates in the single tests.

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The test schedule for each doctorate course, if not already shown in this Notice, will be notified to the candidates by registered letter with advice of receipt at least 20 days before the set dates.

In order to stand the tests, candidates must show a suitable identification document (identity card, driving licence, passport, gun licence, post office card).

Art. 5 Admission Commission

The Commission for admission to the research doctorate course or school shall be named by the Rector on a proposal by the Teaching Body. The Commission shall be made up of

three regular professors to whom not more than three experts may be added, foreigners included, selected among personnel at public and private research agencies and organisations.

Art. 6 Admission to the courses

Candidates will be admitted to the courses according to the classification list and up to the number of places available for the research doctorate or for the research doctorate school. In case of withdrawal by any admitted candidates before the beginning of the course, the same number of candidates will accede according to the classification list. In the case of accession to more than one classification list, the candidate must exercise an option for one single doctorate course.

The holders of research grants can be admitted to doctorate courses even in excess of the foreseen number, provided they have passed the admission tests and the research doctorate in which they participate concerns the same scientific-disciplinary area as the research for which they have been given the grant.

Art. 7 Registration

The winning competitors must present or send to the Ufficio Dottorati di Ricerca, Università Cattolica del Sacro Cuore – Largo Gemelli, 1 – 20123 Milan, Italy – within ten days as from the day following the day on which they receive the relevant invitation, the documents listed hereunder:

- request for admission to the first year of the research doctorate courses or school (on legal paper);
- requested degree certificate;
- declaration of any registration in a specialisation or postgraduate school and if the case, a written undertaking to suspend attendance thereat;
- photocopy of their identity document, duly signed;
- 2 photographs in passport format.

Art. 8 Scholarship

The Administration Council of the Università Cattolica, on advice of the Academic Senate, determines the yearly amount of the scholarship. The amount is subject to taxation under Italian social security schemes.

The scholarships are assigned according to the merit classification list.

The scholarships can be granted even to those receiving other income, provided said income is not higher than the scholarship itself. This also in the case of continued income during the year in which the scholarship is paid. If the income limit is exceeded, the scholarship is revoked for the entire year concerned. To allow verification of the income

limit, the candidate must make an annual income declaration and advise if the income limit is exceeded.

The scholarship cannot be summed to any other grant, however conferred, save any grants foreseen to allow completion of training and research activities abroad.

The duration of the scholarship is the same as that of the complete course.

The scholarship is paid out every two months.

The amount of the scholarship is increased, during periods spent abroad, by not less than 50 percent.

Doctoral candidates holding scholarships granted by the University are exempt from course access and attendance fees.

Any civil servant admitted to research doctorate courses can on demand be placed on leave without pay for study reasons for the entire duration of the course, and can benefit from the scholarship where conditions allow.

According to art. 52, comma 57, of Law No. 448 dated 28 December 2001, in the case of admission to research doctorate courses without scholarship, or of waiver of this, the candidate on leave maintains all the conditions of his employment as a civil servant.

If within two years after attaining the title of the research doctorate, the civil servant decides to cease his employment, the amounts paid must be returned.

A doctorate scholarship cannot be paid to those who have already received such a scholarship before.

For doctoral candidates without scholarship the yearly amount of fees for course access and attendance is € 1.600,00, to be paid in two instalments: the first on enrolment or renewal of enrolment and the second on 30th June every year.

Art. 9

Acts and documents in foreign languages

Acts and documents written in foreign languages must be translated into Italian and legalised by the competent Italian embassies or consulates abroad, and they must conform to applicable regulations in Italy.

Art. 10

Doctoral Candidates' obligations

The enrolled candidates are obliged to attend the doctorate courses and to carry out continuous study and research activities within the structures devoted to these activities,

according to procedures and methods determined by the Teaching Body.

Under Rector's decree, doctorate and school course attendance and scholarships are suspended in the following cases:

- maternity;
- serious and documented illness;
- admission of the candidates to schools for medical specialisation and for secondary teaching.

A doctoral candidate can be excluded from the research doctorate and school under Rector's decree, on reasoned proposal by the Teaching Body, in case of:

- 1) negative evaluation at the end of each attendance year;
- 2) activities carried out without authorisation by the Teaching Body;
- 3) prolonged and unjustified absence.

In the case of exclusion, the payment of the scholarship ceases contextually. Contemporary attendance of the doctorate course and of another university degree, specialisation or Master course is prohibited. If the winner is enrolled in any of the above mentioned courses, she/he must suspend said enrolment for the entire duration of the doctorate course.

Art. 11 Attainment of the title

The title of research doctorate, conferred by the Rector of the Università Cattolica del Sacro Cuore, is attained by passing the final examination, the purpose of which is to demonstrate results of significant scientific value in the research area.

For the final examination the Rector names, on proposal by the Teaching Body, an examination Commission made up of three members selected among regular professors and university researchers, specifically qualified in the disciplines involved in the scientific areas to which the course refers.

Within 31 October, the Teaching Body decides on admission of the doctoral candidates who have applied to the final examination, or concedes an extension if requested. If there are demonstrable reasons for which the thesis cannot be presented within the foreseen dates, the Rector on proposal by the Teaching Body can concede an extension of one year for presentation of the thesis. This delay does not entail an extension of the scholarship.

Art. 12 Publication

This Notice is published on the website of the Università Cattolica del Sacro Cuore at <http://www.unicatt.it/dottorati>

Art. 13
Final provisions

For topics not expressly mentioned in this Notice, the applicable prescriptions are as shown in the "Regolamento dei corsi di dottorato di ricerca e della scuole di dottorato di ricerca dell'Università Cattolica del Sacro Cuore" ("Regulations for research doctorate courses and research doctorate schools at the Università Cattolica del Sacro Cuore") and in Presidential Decree No. 487 dated 9 May 1994 with its subsequent amendments and integrations.

Milan, 21 July 2006

THE RECTOR
(Prof. Lorenzo Ornaghi)