

Università degli Studi di Parma

Application call for admission to the Course for

International University Master, II level, in "Science and technology for sustainable development of contaminated sites"

Academic year 2008/2009

Art. 1

General information

The University of Parma activates for the academic year 2008/2009 the Course of International University Master (II level) in "Science and technology for sustainable development of contaminated sites", promoted by the Faculty of Mathematical, Physical and Natural Sciences (scienze.unipr.it) in cooperation with the Zhitomir State Technological University, Ukraine, and the University of Applied Sciences of Mittweida, Germany.

The Master Course is a course for scientific specialisation and permanent higher education, at the end of which, after a final exam, the degree of "Master Universitario di II livello" is released according to D.M. 22/10/2004 n. 270 "Modifiche al regolamento recante norme concernenti l'autonomia didattica degli Atenei" approved with Ministry Decree (Ministro dell'Università e della Ricerca Scientifica e Tecnologica) of 3/11/1999 n. 509. The Master Course is activated according to art. 19 of the Educational Regulations of the University, following decisions of the Academic Senate, n. 437/14884 of 19.5.2008, and of the Administration Council, n. 457/28019 of 20.5.2008.

The Master Course is finalised toward the formation of the following professional profiles:

professionals endowed with knowledge and know-how necessary for identification and solution of the problems connected with sustainable management of sites contaminated either naturally or accidentally by organics and inorganics, with a multidisciplinary knowledge at European level, who can relate to and interact with Public Administrations, agencies, firms, public opinion and environmental organisations.

In detail, the personnel formed within the Master should possess knowledge and competence needed to:

Elaboration of monitoring projects of the effects exerted by pollutants and contaminants

Elaboration of projects for recovery and remediation of sites contaminated by polluting and contaminating substances

Promotion of utilisation of technologies with low environmental impact adapted to specific fields of activity

Promotion of the utilisation of environment-friendly technologies for waste disposal and residues

Recognition of the conditions in landscape and environment in order to address the interventions on the territory.

The International Master stems as a logical continuation and evolution of a previous international experience with the purpose of forming post-degree experts in preparing and organising curricula for sustainable management of contaminated sites. A particular relevance in this regard was attributed to the cooperation with the Zhitomir institution, which has been for years involved in monitoring and management of contaminated sites, especially concerning environment and human health, in the area affected by the Chernobyl accident. A great interest is devoted to experiences concerning dismissed industrial areas, military instalments, municipal and industrial waste disposal, landfills and sites contaminated accidentally or naturally, which are being studied by the Universities participating to the project in their respective countries (Italy and Germany).

The project has been organised in order to fulfil the request of professionals in a field which is multidisciplinary and transnational. In fact, several examples demonstrate

that contamination can affect areas within different countries, and therefore it can be approached effectively with a cooperation between personnel and institutions of different countries; in particular, we can mention:

- The dispersion of radionuclides following the Chernobyl accident
- The disposal of toxic and hazardous wastes deriving from industry and energy production
- The increase in climatological and meteorological phenomena releasing into the environment great amounts of contaminants

Therefore, this project has been organised in a “transnational” framework.

The Course lasts one year and includes frontal lectures and other forms of teaching, guided study and interactive teaching, and a compulsory stage period, with Italian and foreign lecturers.

To the sum of these activities, integrated with individual student effort for study and preparation, a global amount of work is assigned of 1500 hours, corresponding to 60 Crediti Formativi Universitari (CFU, credits) according to D.M. 22.10.2004 n. 270. Attendance to the Course is compulsory; lectures will be held for the most part in non working days (friday and saturday). The Course is realised in the period December 2008-December 2009. The Course will be held at the Department of Environmental Sciences (Centro S. Elisabetta, University Campus).

Art.2

Requisites and admission to the call

The Course of University Master has a fixed number of students.

The minimum number of students required for activation of the Course is 8, whereas the maximum number is 20.

Requisites

Admission to the Course depends on overcoming a selection test, open to those who, at the date of selection, possess the following:

5-years degree (laurea) or equivalent degree from Italian and foreign Universities belonging to the following disciplines:

Environmental Sciences, Biology, Chemistry, Physics, Natural Sciences, Biotechnology, Earth Sciences, Environmental Engineering, Engineering, Mathematics, Pharmaceutical Sciences and Technologies, Agricultural Sciences

Admission

Those wishing to be admitted to the selection for the Master Course have to present an application exclusively by filling in the form (B/11) at the link

www.unipr.it/studenti/modulistica/#8, enclosing the following (compulsory, otherwise the applicant will be excluded from selection):

- a) degree
 - 1) For candidates having obtained a **laurea in Italy**, self-certification or certification of the University degree with final mark (form A/3 obtainable at the link www.unipr.it/studenti/modulistica/#8)
Application is possible also for those who, at the deadline date, have not yet achieved their Laurea degree, provided they will have it at the date of selection. In this case, they have to send, together with form B/11, a self-certification for registration to the final Laurea examination, to be substituted before selection with the self-certification A/3 testifying that they have indeed obtained the degree.

- 2) For Italian or foreign candidates, with a **degree which has not been issued in Italy**: certification accompanied by an **official translation into Italian**;
- b) Copy of the fiscal code and of a valid personal identity document;
 - c) Receipt for the admission fee of EUR 25,82 to be deposited at an agency of the bank Cassa di Risparmio di Parma e Piacenza, with a form to be collected at Servizio Master e Formazione Permanente or downloaded (B/17) at www.unipr.it/studenti/modulistica/#8. The receipt must be given to Servizio Master e Formazione Permanente together with forms B/11 and A/3. In case the documents are mailed by registered mail, the payment to the bank can be performed with a bank transfer on the account IBAN IT33M0623012700000036291015 indicating clearly the following purpose “tassa master universitario - Università degli Studi di Parma”. **It is necessary that the bank transfer includes name and surname, fiscal code of the applicant, and code number of the Master Course [available on the first page of the B/17 form]**. Copy of the bank transfer must be delivered to Servizio Master e Formazione Permanente together with the other documents.
 - d) Qualifications sent for evaluation (Documents have to be produced compulsorily either in Italian or in English)
 - e) a paper in English or in Italian (max. 10000 characters) describing motivations, planning abilities and aptitudes for the topics of the Master

Candidates with handicaps, according to law 104/92, art. 20, and to law 68/99, art 16, paragraph 1, can present a request, concerning their handicap, about assistance and additional time deemed necessary in order to sustain the admission exam. They must include with the application a self-certification concerning their disability.

The application, complete with above-mentioned documents must reach within the deadline of 6 November 2008 the Servizio Master e Formazione Permanente of the University of Parma, Via Volturno 39, 43100 Parma, by one of the following means:

- Brought by the candidate to Servizio Master e Formazione Permanente (opening times are available at www.unipr.it);
- Sent as registered post with return receipt

It is not allowed to send **applications** by **fax** or **e-mail**.

If the application is posted, it must reach the Servizio Master e Formazione Permanente within the appointed deadline.

The administration accepts no responsibility for problems concerning applications which have not been delivered by the candidate him/herself.

The administration has the right of excluding, in any phase of the procedure, candidates who have sent incomplete applications or who possess different degrees from those listed above.

Art. 3

Selection procedures

In order to select candidates who could be admitted to the Course, an appointed Commission will produce a ranking of eligible candidates on the basis of a score assigned according to:

- evaluation of the qualifications
- evaluation of a motivation paper

Participants obtaining the highest scores in the list will be admitted to the Master Course according to availabilities.

In case of ties, precedence will be given to the participant with a higher score in the paper evaluation; if the tie remains, the participant with the higher degree mark will win and only if the tie still remains the younger one will be favoured.

Art. 4

Immatriculation

The applicants who have been selected, based on the ranking which will be published on November 13 2008 on the site www.dsa.unipr.it/master, have to send to Servizio Master e Formazione Permanente, Via Volturno 39, 43100 Parma, the following documents within the deadline of November 27, 2008:

- a) Immatriculation request, to be obtained at Servizio Master e Formazione Permanente, via Volturno 39 – 43100 Parma, or downloaded from the University WWW site, www.unipr.it/studenti/modulistica/#8 (form B/16);
- b) n. 2 identical passport photographs;
- c) permission of stay (permesso di soggiorno) for extra-EC citizens;
- d) receipt of the payment of the subscription fee to be deposited at an agency of the bank Cassa di Risparmio di Parma e Piacenza, with a form to be collected at Servizio Master e Formazione Permanente or downloaded (B/18) at www.unipr.it/studenti/modulistica/#8. This must be given to Servizio Master e Formazione Permanente together with forms B/16.

In case the documents are mailed by registered mail, the payment to the bank can be performed with a bank transfer on the account IBAN IT33M0623012700000036291015 indicating clearly the following purpose “tassa master universitario - Università degli Studi di Parma”. **It is necessary that the bank transfer includes name and surname, fiscal code of the applicant, and code number of the Master Course [available on the first page of the B/18 form].** Copy of the transfer has to be delivered to the Servizio Master e Formazione Permanente with the other documents.

Immatriculation fee is 1780,00 EURO, including 29,24 EUR for official stamps.

Admitted candidates who will not comply within the deadline with requisites for immatriculation will be considered as non interested; if there are self-declared non interested candidates, the following eligible candidates in the ranking could issue a subscription request, upon invitation by Servizio Master e Formazione Permanente within 5 December 2008.

In case of documents sent by post, they must reach the office within the appointed deadline.

The administration accepts no responsibility for documents going amiss due to erroneous indication of address, failure or delay in communicating a change of address, post malfunctions or responsibility of third parties.

Art. 5

Information

Information on administrative topics can be obtained from Servizio Master e Formazione Permanente, via Volturno, 39 – 43100 Parma; tel. 0521/903708-3730.

Information on teaching activities can be obtained from:

Parma and other Universities

Elena Maestri

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For all matters not included in this call candidates must refer to current legislation.

Personal and sensitive data will be used according to D.Lgs. 196 of 30.6.2003.

Parma, 3 July 2008

The Administrative Director
Rodolfo Poldi

The Rector
Gino Ferretti