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University of Naples Federico II
School of Engineering

THE RECTOR

- WHEREAS** the Statute of the University of Naples Federico II;
- WHEREAS** articles 2 and 18 of the University Didactic Regulations in force under Rectoral Decree No. 2440, 16.07.2008;
- WHEREAS** Rectoral Decree No. 2535, 07.08.2007, instituting the University Master's degree (II level) in "*Design of Steel Structures*", starting from the 2007/08 academic year;
- WHEREAS** decision of the Council of the School of Engineering No. 866, 11.01.2010, expressing the implementation of the aforementioned Master for the 2010/11 academic year;
- WHEREAS** New Regulations regarding I and II level Master in force under Rectoral Decree No. 1225 of 08.04.2009;
- WHEREAS** Rectoral Decree No. 2478, 15.07.2010, instituting the call for applications for admittance to the Master for the 2010/11 academic year;
- WHEREAS** article 7 of the aforementioned advertisement has been drafted but not yet finalized and it is, therefore, necessary to edit said article, to be substituted by the final draft;

DECREE

Article 7 of the call for applications for the University Master's degree (II level) in "*Design of Steel Structures*", for the academic year 2010/11, has been modified. The aforementioned article has been modified to read as such:

Art. 7

At least 5 scholarships covering the registration costs related to the Master's degree will be made available; additionally, scholarships covering the costs of housing for non-resident students will be guaranteed. Regarding the assignment of the scholarships, to ensure a balanced distribution, country of origin of the applicants will be taken into consideration. Should more than 5 scholarships become available, they will be assigned, taking into consideration the possible availability of scholarships funded by other bodies or institutions from the country of origin of the applicants. It is specified that the winners of the scholarships covering registration costs related to the Master's degree must deposit the established registration fee for said degree, as established in the terms of Art. 8; said fee will be wholly refunded to the winners by the Department of Structural Engineering of the School of Engineering.

Naples, 20.07.2010

THE RECTOR
Prof. Massimo Marelli
THE PRORECTOR
f.to Prof. Gaetano Manfredi

Hereunder, the finalized call for applications:

**CALL FOR APPLICATION
FOR THE UNIVERSITY MASTER'S DEGREE (II LEVEL)
IN "*DESIGN OF STEEL STRUCTURES*"
FOR THE ACADEMIC YEAR 2010/11**

Article 1

The selection for admission in Academic Year 2010/11 to the University Master's degree (II level) "*Design of Steel Structures*", for a total of **20 positions** is announced. The Master's program will take place only if the total number of enrolled students is **not less than 10, 5 of which by 1.10.10 and 5 by 31.03.11.**

Article 2

All European citizens holding, by the deadline of the application period, a 5-year degree certificate in Engineering or Architecture (or equivalent 3+2 years degree) are eligible to apply.

Also, non-EU citizens holding the above qualifications within the deadline of the call can apply. They need to have a regular residence permit for Italy, and moreover the documentation must be in compliance with the enforced norm.

The Selection Committee will evaluate the study qualifications submitted by the applying candidates.

In addition, since the Master courses are taught wholly in English language, applicants must have **an excellent knowledge of English** (spoken and written).

As the participation of students coming from different Italian and European countries is foreseen, the accommodation for foreign students has been arranged in a specific building: an agreement has been stipulated with the "Denza" institute, one of the most prestigious institutes in Naples.

Article 3

The selection is made on the basis of candidates' **study qualifications.**

For **study qualifications**, the Selection Committee can assign a maximum of **100 points** according to the following criteria:

- up to 80 maximum points are given proportionally to the final score (grade) of the first-level degree;
- Maximum 20 points are given for thesis, work experience in the field of structural engineering, publication(s) relating to the Master's program topics, other study qualifications equal to or higher than the Master's level

Candidates will be admitted only by reaching a minimum total score of 60/100.

Article 4

The Master is annual and requires the completion of a total of 1500 Hours equal to 60 European Credit Transfer System (ECTS) credits (here appointed as CFU). The year is divided in 4 terms of 3 months: the first three terms are devoted to frontal teaching (courses), atelier (workshop) and seminar activities; the last term is devoted to individual study or internships within the sector.

Therefore, the Master Course foresees the combination of the following teaching modality:

- basic courses will be organized into frontal teaching (13 courses). **(40 CFU)**;
- collaborative instruction with tutors will be completed by participating in two “Ateliers” (workshops). In each “Atelier”, students will complete a project under tutor supervision **(12 CFU)**;
- seminars and short courses activity will deal with specific research and design subjects of steel construction **(2 CFU)**;
- individual study activity will be necessary to complete and verify the students’ preparation. This activity is carried out on a specific research topic. The student, under the guidance of a lecturing professor, will develop an assigned research topic and will have to demonstrate the knowledge acquired on the subject, as well as synthesis and presentation skill **(6 CFU)**. Internships at companies within the sector and partner Universities are also possible for acquiring the same Credit.

The list of courses and the relative CFU credits are outlined in the following table:

Course	CFU
General principles of design and structural types in steel structures	4
Stability of steel structures	4
Design and detailing of connections	4
Steel and Architecture	2
Tension Structures and Glass Engineering	2
Cold-Formed thin-walled members and structures	4
Steel structures in tall buildings and large roofings	4
Design, Fabrication and Erection of Steel Bridges	4
Composite Structures	4
Aluminium Structures	2
Steel in Refurbishment	2
Masts, Towers, Tanks and Silos	2
Provisional Structures and Fire Design	2

The Master Course will start on **October 18, 2010** and will finish on **October 18, 2011**.

In the following table the start and end dates of the four terms are shown.

1st Term: 18th October – 18th December. 9 weeks.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
9.30-10.30	C	A	C	A	
10.30-11.30	C	A	C	A	
11.30-12.30		D2	D1	D2	
12.30-13.30		D2	D1	D2	
15.30-16.30	Study	Study	Study	Study	
16.30-17.30	Study	Study	Study	Study	
17.30-18.30	Study	Study	Study	Study	
18.30-19.30	Study	Study	Study	Study	

2nd Term: 17th January – 25th March. 10 weeks.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
9.30-10.30	E	E	F	L	L
10.30-11.30	E	E	F	L	L
11.30-12-30	F	G	G	L	L
12.30-13.30	F	G	G	Study	Study
					Study
15.30-16.30	Atelier	Atelier	Atelier	Study	Atelier
16.30-17.30	Atelier	Atelier	Atelier	Study	Atelier
17.30-18.30	Atelier	Atelier	Atelier	Study	Atelier
18.30-19.30	Study	Study	Study	Study	

3rd Term: 26th April – 27th June. 9 weeks.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
9.30-10.30	B	H	M2	Study	Study
10.30-11.30	B	H	M2	Study	Study
11.30-12-30	H	M1	B	Seminars	Study
12.30-13.30	H	M1	B	Study	Study
					Study
15.30-16.30	Atelier2	Atelier2	Atelier2	Atelier2	
16.30-17.30	Atelier2	Atelier2	Atelier2	Atelier2	
17.30-18.30	Atelier2	Atelier2	Atelier2	Atelier2	
18.30-19.30	Study	Study	Study	Study	

4th Term: 4th July – 30th September.

In this period the student will perform the individual study portion of the Master. This activity deals with a research topic. The Master Director will assign a specific topic to the student, who will study and develop it under supervision of a lecturing professor and will have to demonstrate the knowledge acquired on the subject as well as synthesis and presentation skill in order to successfully complete the Master.

Attendance of courses, Ateliers and seminars must be not less than 80% of the total number of hours. In the case of absences totalling more than 20% of the total number of hours of the course, the Council of the Master will decide the participant's exclusion from the Master.

The final examination consists of the discussion on an assigned research topic, developed during the individual study period.

Article 5

For admission to the selection process, the candidates must submit by and no later than 12:00 a.m. (noon) **of September 14, 2010** to the Office of Admissions and Records (*Segreteria Studenti*) of the School of Engineering (*Facoltà di Ingegneria*) in piazzale Tecchio, 80 – 80125 Naples, the following documentation:

- A) **Application form**, filled in and signed by the candidate in triple copy (one copy will be returned to the candidate with confirmation of receipt) using the form available on site www.unina.it. In the application form, the candidate's complete details, including his/her address, the degree held with its attainment date, final score, and name of the university where it was obtained, must be indicated.
- B) **Transcript of records or self certification** (according to D.P.R. No. 445 of 28.12.2000) relative to the degree held, indicating the final score and the exams passed with their grades. The above transcript of records or self certification is not necessary for students that have obtained a degree from the University of Naples Federico II.
- C) **Transcript of records or self certification (if available)** relative to other Master's degrees, Ph.D. degrees and *post lauream* certificates on the topics related to the Master, and/or working experiences in the sector of steel construction.
- D) **Thesis and other publications** in original copy or an official copy as per certificate of an official notary.

The degree's thesis and the publications must be enclosed to the application forms. The copies of such documents must be declared identical to the original through self-certification.

Missing submission of the above documentation, according to the terms indicated in this call, will lead to the exclusion from the selection.

It is possible to send the above documentation by **registered mail**. In that case, **the reception date at the Office of Admissions and Records indicated on the return receipt, not the mailing date, will be valid.**

Article 6

The Selection Committee is formed by 3 faculty members belonging to the Master's Council, appointed by the Council of the School of Engineering, after proposal of the Council of the Master.

The Selection Committee will formulate a list of candidates that have admitted to the Master Course.

The list of the candidates with their score will be published on www.unina.it and www.designofsteel.com web sites. The list will be also made known by 12:00 a.m. (noon) of **September 17, 2010** through posting on the notice-board of the Department of Structural Analysis and Design in via Claudio, 21 – Naples, and at the Office of Admissions and Records of the School of Engineering in Piazzale Tecchio, 80 – Naples. This posting will represent official notification to the candidates.

Article 7

At least 5 scholarships covering the registration costs related to the Master's degree will be made available; additionally, scholarships covering the costs of housing for non-resident students will be guaranteed. Regarding the assignment of the scholarships, to ensure a balanced distribution, country of origin of the applicants will be taken into consideration. Should more than 5 scholarships become available, they will be assigned, taking into consideration the possible availability of scholarships funded by other bodies or institutions from the country of origin of the applicants. It is specified that the winners of the scholarships covering registration costs related to the Master's degree must deposit the established registration fee for said degree, as established in the terms of Art. 8; said fee will be wholly refunded to the winners by the Department of Structural Engineering of the School of Engineering.

Article 8

Tuition fees to Master Course, including accident insurance tax for attending students and excluding the accommodation, is 5,000.00 euro plus 62 euro for regional tax, and must be paid within the following deadlines:

- 2,500.00 euro at Master's tuition together with € 62 for regional tax;
- 2,500.00 euro by April 15, 2011.

Article 9

Selected candidates must submit to the Office of Admissions and Records of the School of Engineering in Piazzale Tecchio, 80 – Naples by 12:00 a.m. (noon) of **October 15, 2010** the following documentation necessary for tuition:

1. tuition application on stamped paper of € **14,62**;
2. two equal photos and one two-sided photocopy of a valid identity document (ID) (together with the original to be shown);
3. receipt of payment of the first instalment of the tuition fees and the regional tax as indicated in Article 7.

All forms will be available at the Office of Admissions and Records.

Documentation received after the above deadline will not be considered.

Article 10

After the terms of Article 9 have expired, selected candidates who have not submitted the above documentation within the deadlines and according to the instructions indicated in the same article, will be considered released of tuition and will definitively lose his/her right to enrol for each phase of the selection procedure.

Article 11

In case of further availability of positions the alternate candidates following in the selection list will be informed, and the deadline within which the documentation indicated in Article 9 for tuition must be submitted will be set.

Article 12

Candidates who will not comply with all the rules of this call will have no right to take part in the selection or enrol in the Master's program.

Article 13

For any issue not foreseen in this call, reference is made to the Regulations for Operation issued with Rectoral Decree No. 3703 of October 8, 2006.
For any further information regarding the Master, refer to the Web site www.designofsteel.com.

Naples, 20.07.2010

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Prof. Massimo Marelli
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