

University of Naples Federico II
School of Engineering

THE RECTOR

- WHEREAS** article 40 of the Statute of the University of Naples Federico II;
- WHEREAS** articles 2 and 18 of the University Didactic Regulations in force of Rectoral Decree No. 3276 of 15.10.2001;
- WHEREAS** decision of the Council of the School of Engineering No. 849 of 09.04.2008;
- WHEREAS** Rectoral Decree No. 2535 of 07.08.2007, instituting the University Master's degree (II level) in "*Design of Steel Structures*", starting from the academic year 2007/09;

DECREES

The attached call for applications to the University Master's degree (II level) in "*Design of Steel Structures*", for the academic year 2008/09, is issued.

Naples, July 15, 2008

THE RECTOR
Prof. Guido Trombetti
THE PRORECTOR
f.to Prof. Vincenzo Patalano

**CALL FOR APPLICATION
TO THE UNIVERSITY MASTER'S DEGREE (II LEVEL)
IN "DESIGN OF STEEL STRUCTURES"
FOR THE ACADEMIC YEAR 2008/09**

Article 1

The selection for admission academic year 2008/09 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 within 31.10.08 and 5 within 31.03.09**.

Article 2

All EU citizens holding, within the deadline of this call, 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 the Selection Committee will evaluate, for the admission, the study qualifications submitted by the candidates.

In addition, since the Master courses are given in English language, applicants must have **a good knowledge of English** (spoken and writing)

Since it is estimated attendees coming from different Italian and European countries, the accommodation for foreign students has been arranged in a specific building: a convention has been stipulated with the "Denza" institute, one of the most prestigious institute in Naples .For 9 months it provides lodging, demi-pension, sport facilities and areas for social activities for an amount of 4.500,00 euro+ VAT, for every student who wants it.

Article 3

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

For the **study qualifications**, the Selection Committee can assign a maximum of **40 points** according to the following criterions:

- up to 20 maximum points are given proportionally to the final score (grade) of the first-level degree;
- up to 10 points for a Bachelor's/Diploma's Thesis and publications (if available) relating to the Master's program topics;

- up to 6 points for other Master's and second-level degrees, Ph.D. degrees and *post lauream* certificates in the topics related to the Master;
- up to 4 points for working experiences in the construction sector.

Candidates will be admitted only if they reach at least the total score of 28/40.

Article 4

The Master is annual and requires the acquisition of a total of 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 and seminar activities; the last term is devoted to individual study.

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

- the basic courses are organized in 13 courses, for a total of 400 hours of classes, including at least 100 hours of training / tutorials (**40 CFU**);
- the collaborative instruction with tutors is got through two "Ateliers". In every "Atelier", students work out a project under the tutor supervision (**12 CFU**);
- seminars and short courses activity will deal with specific research and design subjects of the construction steelwork (**2 CFU**);
- individual study activity is 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 lecturer, 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**). Stages at industries and partner Universities are also possible for acquiring the same Credit (**6 CFU**).

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

Course		CFU
A	General principles of design and structural types in steel structures	4
B	Stability of steel structures	4
C	Design and detailing of connections	4
D1	Steel and Architecture	2
D2	Tension Structures and Glass Engineering	2
E	Cold-Formed thin-walled members and structures	4
F	Steel structures in tall buildings and large roofings	4
G	Design, Fabrication and Erection of Steel Bridges	4
H	Composite Structures	4
L1	Aluminium Structures	2
L2	Steel in Refurbishment	2
M1	Mats, Towers, Tanks and Silos	2
M2	Provisional Structures and Fire Design	2

The Master Course will start on **October 13th, 2008** and will finish on **October 13th, 2009**.

For the first 3 terms, five days a week of attendance are scheduled. Classes, Atelier, seminars and study activity, characterize a full time duty for five days a week.

In the following table the start and the end dates of the four terms are shown. Besides, the weekly time-table for the four terms is provided. Courses are identified by a bold letters, from **A** to **M**.

1st Term: 13th October – 13th December. 9 weeks.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
9.30-10.30	A	C	A	C	
10.30-11.30	A	C	A	C	
11.30-12.30	B	D	B	D	
12.30-13.30	B	D	B	D	
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: 15th January – 30th March. 10 weeks.

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

3rd Term: 15th April – 30th June. 10 weeks.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
9.30-10.30	H	H	L	Study	Study
10.30-11.30	H	H	L	Study	Study
11.30-12.30	L	M	M	Seminars	Study
12.30-13.30	L	M	M	Study	Study
					Study
15.30-16.30	Atelier	Atelier	Atelier	Atelier	
16.30-17.30	Atelier	Atelier	Atelier	Atelier	
17.30-18.30	Atelier	Atelier	Atelier	Atelier	
18.30-19.30	Study	Study	Study	Study	

4th Term: 10th July – 30th September.

In this period the student will develop individual study. 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 lecturer and will have to demonstrate the knowledge acquired on the subject as well as synthesis and presentation skill.

Attendance to courses, Ateliers and seminars must be not less than 80% of the total number of hours. In the case of under coming of such roofs of presence, the Council of the Master will decide the participant's exclusion from the Master.

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

Article 5

For the admission to the selection, the candidates must submit within and no later than 12:00 a.m. (noon) **of September 20, 2008** 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 triplex copy (one copy will be returned to the candidate with confirmation of reception) 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 the graduated students to 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 in the topics related to the Master, and/or working experiences in the sector of steel constructions.

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 on **September 30, 2008**.

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 30, 2008** 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

A minimum of 5 scholarships will be available to cover tuition fee.

Further funds, if available after the publication of this call, will be used for additional scholarships, either to cover only tuition fee or to cover both tuition fee, and accommodation at the Istituto Denza in Posillipo-Naples.

The scholarships will be assigned to the Master students on the basis of their score, as reported in the pass-list.

If any student decides to renounce the scholarship, the latter will be assigned to the next student in the pass-list.

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 16, 2009.

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 6, 2008** 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 installment 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 enroll 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 13

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

Article 14 – Deferment of rules

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 in EteC, refer to the Web site www.desognofsteel.com.

Naples, July 2008

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