

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;

**CALL FOR APPLICATION
FOR THE UNIVERSITY MASTER'S DEGREE (II LEVEL)
IN “DESIGN OF STEEL STRUCTURES”
FOR THE ACADEMIC YEAR 2011/12**

**Article 1
Announcement**

The selection for admission in Academic Year 2011/120 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 5**.

**Article 2
Aim and scope**

Aim and scope is reported on the official Master in “Design of steel structures” web site to the following link: www.designofsteel.com

**Article 3
Requirements for admission**

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).

The course is held entirely in English and therefore a prerequisite for admission to the course has an excellent knowledge of English (spoken and written).

Candidates must declare on the application form adequate knowledge of English.

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 4
Submission of application**

For admission to the selection process, the candidates must submit by and no later than 12:00 a.m. (noon) **of September 16, 2011** to the “Ufficio scuole di Specializzazione e Master” via Mezzocannone, 16 – 80134 Napoli the following documentation:

1. Copy of the front / back of its own identity document valid, duly signed;
2. degree certificate required as a prerequisite for admission art. 3 of the competition notice containing the final vote and list of exams with the grades obtained (with details of their credits and SSD) and title of the thesis, or a photocopy of the same, with attached declaration in lieu of an affidavit, under Articles. 7:47 p.m. in the Presidential Decree No 445/2000 and subsequent modifications and integrations, attesting to their conformity with the original, or self-certification made under Articles. 46 and 47 of Presidential Decree No 445/2000 and subsequent amendments and additions, through the completion of Module 2;
3. Only candidates with foreign qualifications must attach the documentation submitted an official translation in Italian of the degree, together with legal and declaration of local value by the Italian Embassy in the country responsible for the area in which belongs ordering the institution that issued the considered comparable to that provided for the purpose of evaluation of equivalence by the Commission, as provided for in Article. 3;
4. Curriculum Vitae
5. Certification of any further qualifications under article 6, which are considered consistent with respect to content and purpose of the Master or, alternatively, a photocopy of the same, with attached declaration in lieu of an affidavit, under Articles. 7:47 p.m. in the Presidential Decree No 445/2000 and subsequent modifications and integrations, attesting to their conformity with the original, or self-certification made under Articles. 46 and 47 of Presidential Decree No 445/2000 and subsequent modifications and integrations. Please note that publications can not be self-certified and that of each work submitted must be completed on the last name and the name of the candidate, and in the case of multiple authors of the same work, should be highlighted the surname of the candidate. Therefore, the publications will be sent in one of the following procedures: a) original, b) an authentic copy, c) a photocopy, with attached declaration in lieu of an affidavit, under Articles. 7:47 p.m. in the Presidential Decree December 28, 2000, No 445 and subsequent modifications and integrations, attesting to their conformity with the original.

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.**

Application Form 1 and 2 can be downloaded from the University website at www.unina.it and also available at the Office of Schools and Masters degree in Via Mezzocannone No 16 - Naples. If properly filled out, printed and signed, are considered self-declaration (made pursuant to Presidential Decree No 445/2000 and subsequent amendments and additions) of the securities held as admission requirements and qualifications assessed, under Articles. 3 and 6 of this competition. Therefore, applicants must provide you with precisely all the elements necessary to enable the Administration to investigate. Please note that the false statements and false are punishable under the Penal Code and special laws.

In order to facilitate and make timely administrative controls on the statements made, candidates who have obtained a qualification which is valid as a condition of eligibility under evaluation at a university other than the University of Naples Federico II are invited to attach its certificate.

Article 5 Selection Committee

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.

Article 6 Assessment of qualifications and exam

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 7 Publication of merit list

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 26, 2011** 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 8

Tuition fees and scholarship

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 14, 2012.

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 9

Enrolment of selected candidates

Selected candidates must submit to the Office "Ufficio Scuole di Specializzazione e Master" via Mezzocannone, 16 – 80134 Napoli by 12:00 a.m. (noon) of **October 14, 2011** the following documentation necessary for tuition:

1. Application form application form on stamped paper of € **14,62** on a special press release issued by the Schools of Specialization and Master, and disseminated through the website www.unina.it;
2. two equal photos and one two-sided photocopy of a valid identity document (ID) (together with the original to be shown);
3. Copy of the front / back of its own identity document valid, duly signed;
4. receipt of payment of the first instalment of the tuition fees and the regional tax as indicated in Article 7.

5. for non - EU citizens resident abroad: long-stay national visas issued by diplomatic - consular jurisdiction. All forms will be available at the Office of Admissions and Records.

Documentation received after the above deadline will not be considered.

Article 10

Enrolment of admitted students

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.

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 11

Duration and courses of the master

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. In both cases the credits will be awarded following a final ruling on its activities.

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 17, 2011 and will finish on October 13, 2012.

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

1st Term: 17th October – 17th 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 Master will have a residential structure in anticipation of the frequency of students from different Italian and European regions. To this end, an agreement being concluded with the Istituto Denza, a prestigious religious institute in Naples.

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

Article 12

Final Title

The degree is awarded following a final exam. For the final examination is necessary:

- 1) The frequency at least 80% of the total teaching hours;

The Council of the Master will decide the participant's exclusion from the Master.

The final exam will consist by each participant of the Master in the development of a thesis. The final exam will be discussed before a special commission of professors of the Master Course. To members who pass the final exam will be given the title of Master, which is equivalent to n. 60 credits.

Article 13
Pubblication

This call for application and all acts connected to it, will be made public by publication on official University of Naples Federico II, website at www.unina.it.

The information published in the Official Register of the University of Naples Federico II value of official notification to all intents and no personal communications will be forwarded to interested parties.

The duration of posting of this notice is established in 60 days, while for connected acts is 15 days.

The acts referred to above will be also posted to Ufficio Scuole di Specializzazione e Master, Via Mezzocannone, 16 Napoli


Naples, 02.08.2011

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

APPLICATION FORM

(To be filled in block letters or typed)

No.

	<p>The Rector of the University of Naples Federico II, Office of the School of specialization and Masters Via Mezzocannone, 16 80134-Naples</p>
<p>SUBJECT:</p>	<p>Public competition for Master titles, 20 seats for admission to Master II Level in Design of Steel Structures for the academic year 2011/2012, announced at the Faculty of Engineering of the University of Naples Federico II.</p>

The undersigned -----
(indicate name and surname)

REQUEST TO

the admittance/public compitation of the 20 seats for Master title in Design of Steel Structures for the academic year 2011/2012, announced at the Department of Structural Engineering by the University of Naples Federico II, Naples ITALY.

Pursuant to Article (75 and 76 of the Italian Executive order D.P.R. 28 December 2000, No. 445), on the understanding of the criminal liability that may arise from false statements or statements containing untruthful data, will be the responsibility of (1):

1): PERSONAL INFORMATION

Family name

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First name

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Nationality

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Sex

M		F	
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 Marital status

Single		Married	
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Place of birth

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Country of birth

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Date of birth

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Passport No

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A): EDUCATIONAL BACKGROUND

1.

a). Master degree (if any)

Name of the University: _____

Address of the University: _____

Type of studies: _____

Duration: From (dd/mm/yyyy): _____ To (dd/mm/yyyy): _____

Official duration of the programme (in academic years): _____

Title of degree: _____

Grade obtained: _____

Official language: _____

Title of dissertation/project: _____

Results or grade: _____

b). Bachelor degree (minimum 4 years or above 4 years)

Name of the University: _____

Address of the University: _____

Type of studies: _____

Duration: From (dd/mm/yyyy): _____ To (dd/mm/yyyy): _____

Official duration of the programme (in academic years): _____

Title of degree: _____

Grade obtained: _____

Official language: _____

Title of dissertation/project: _____

Results or grade: _____

B): CONTACTS

Phone No.

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Cell No

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Email:

Private address _____

(Changes in address should be immediately communicated to the master coordinator.)

Street name and number: _____

P.O. Box/Postal Bag: _____

Postal code: _____ City: _____

Region: _____

Country: _____

C): ATTACHMENTS

For the above-mentioned purposes, please find attached: (Please remove the option, which do not apply)

1) Master qualification (if any)

- Transcript of the records mentioning the subjects taught in the Degree
- Degree of the complete course
- Thesis photocopy

2) Bachelor qualification (4 years or above 4 years)

- Transcript of the records mentioning the subjects taught in the Degree
- Degree of the complete course
- Thesis photocopy

3) Reference letter (mentioning complete bio data of the applicant)

From authorise persons, professors, head of departments or other officials indicating name, designation and mailing addresses.

4). Declaration of Value and translation of degree and transcript in Italian language

Can also be acceptable during the final admission

Signature of the applicant: -----

Name of the applicant:

Surname of the applicant:

Place (where application is signed):

Dated:

DELIVERY RECEIPT

(On behalf of the applicant)

Certified that Mr./Ms. _____ has applied for the public participation in the Competition for 20 seats for the admission to the Master II Level in Design of Steel Structures, for the academic year 2011/2012, announced at the Faculty of Engineering by the University of Naples Federico II, Naples ITALY.


Signature of receiving person: _____

STAMP

APPLICATION FORM 2

(To be filled in block letters or typed)

No.

	<p>The Rector of the University of Naples Federico II, Office of the School of specialization and Masters Via Mezzocannone, 16 80134-Naples</p>
<p>SUBJECT:</p>	<p>Public competition for Master titles, 20 seats for admission to Master II Level in Design of Steel Structures for the academic year 2011/2012, announced at the Faculty of Engineering of the University of Naples Federico II.</p>

The undersigned -----
(indicate name and surname)

REQUEST TO

the admittance/public competition of the 20 seats for Master title in Design of Steel Structures for the academic year 2011/2012, announced at the Department of Structural Engineering by the University of Naples Federico II, Naples ITALY.

Pursuant to Article (75 and 76 of the Italian Executive order D.P.R. 28 December 2000, No. 445), on the understanding of the criminal liability that may arise from false statements or statements containing untruthful data, will be the responsibility of (1):

1): PERSONAL INFORMATION

Family name

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First name

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Nationality

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Sex

M		F	
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Marital status

Single		Married	
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Place of birth

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Country of birth

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Date of birth

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Passport No

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DECLARES THAT

the achievement of the degree indicated in the application form (Form 1) as a requirement for admission to the competition in the subject has passed the following subjects with credits in dates and with the scores of each as indicated:

Nr	Subject	CFU (Hours)	Final Date	Maximum Marks	Obtained Marks
1					
2					
3					
4					
5					
6					
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31					
32					
33					

Signature of the applicant: -----

Name of the applicant:

Surname of the applicant:

Place (where application is signed):

Dated:

ATTENTION

In order to facilitate and make timely administrative controls , the candidates are argued to attach copy of the certificate of transcripts (detail mark sheets)

DELIVERY RECEIPT

(On behalf of the applicant)

Certified that Mr./Ms. _____ has applied for the public participation in the Competition for 20 seats for the admission to the Master II Level in Design of Steel Structures, for the academic year 2011/2012, announced at the Faculty of Engineering by the University of Naples Federico II, Naples ITALY.

Signature of receiving person: _____

