

Ecole Nationale Supérieure d'Arts et Métiers

RESEARCH-ORIENTED MASTERS taught in English

Duration: 1 year

Entry requirements: completion of 4 years of university studies

Course information: 1 semester of courses and 1 semester of intensive training on a research project in a laboratory (leading to a thesis)

Application: use the attached form

"A2MS / Advanced Modeling of Materials and Structures"

Location of study: courses at ENSAM Paris Center; project in one of the labs of the ENSAM network

Objectives: A2MS is a preparation and a passport for R&D positions in industry and further education such as PhD programs. This Master program with elective majors in various fields of Advanced Modelling of Materials and Structures opens up to all R&D and high level engineering activities and management in various industrial fields ranging from mechanical, materials, automotive, aeronautic and aerospace, telecommunication and infrastructure products to chemical, nuclear or civil engineering.

Further details: <http://www.ensam.fr/A2MS/index.htm>

"KIMP - DM / Knowledge Integration in Mechanical Production – Design and Manufacturing"

Location of study: courses at ENSAM Paris Center; project in one of the labs of the ENSAM network

Objectives: Nowadays it is necessary to design and manufacture within reduced delays by taking into account the whole product life cycle. So technical as economical, logistical and social constraints must be taken into account simultaneously. To meet these objectives, integrated design and manufacturing, enterprise modeling, concurrent engineering, computer aided design, computer aided manufacturing, computer aided engineering are developed. They are based on methods, tools (CAD, CAM, Virtual reality), formal models (risk analysis, optimization, information technology...)

So the aim of this Master program in Design and Manufacturing, is to formalize the knowledge based on scientific approach about design, innovation, production planning, production, risk analysis.

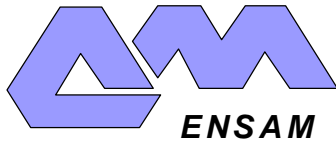
Further details: <http://www.metz.ensam.fr/Accueil/MasterEnglish/MasterEng.htm>

"Modeling and Simulation of Numerical Systems"

Location of study: courses at ENSAM Bordeaux Center; project in one of the labs of the ENSAM network

Objectives: The program is focused on the principles and techniques necessary for modeling and simulating systems, processes and situations encountered in Mechanical Engineering. Fluid mechanics, structural analysis, rheology of solids and materials, manufacturing processes... are related to this aim and every industrial sector can be concerned. By this way, even students in fundamental matters can find applications of their skills and give added value to their previous syllabus.

Further details: please contact jean-luc.lataillade@bordeaux.ensam.fr



Ecole Nationale Supérieure d'Arts et Métiers

APPLICATION FORM
For RESEARCH-ORIENTED MASTERS taught in English

- A2MS
KIMP - DM
MODELING AND SIMULATION OF NUMERICAL SYSTEMS
(please tick relevant program)

PERSONAL DATA

Form with fields for Family name, First name (s), Gender, Date of birth, Place of birth, Nationality, Correspondence address, Tel., and E-mail.

QUALIFICATIONS AT UNIVERSITY LEVEL (Please list highest qualifications first)

Form with fields for University or institution name, Dates of attendance, Title of degree/qualification, Subject, Date (or expected date) of award, Grade / rank / GPA (if relevant), and Number of university study years when applying.

CURRENT OR RECENT WORK EXPERIENCE (Please list most recent first)

Job/ position.....

Name and address of organization.....

.....

Dates of employment

Assignments.....

Job/ position.....

Name and address of organization.....

.....

Dates of employment

Assignments.....

LANGUAGE COMPETENCY

Mother tongue

Language of instruction

Languages	I am currently studying this language		I have sufficient knowledge to follow lectures		I would have sufficient knowledge to follow lectures if I had some extra preparation	
	yes	no	yes	no	yes	no
ENGLISH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Language qualifications obtained	Date obtained	Result / grade
.....
.....
.....

COMPUTER SKILLS

Certification obtained	Date obtained	Result / grade
.....
.....
.....

FUNDING

Yourself

Scholarship (please specify)

.....

Family

Other (please specify)

.....

SIGNATURE

SignedPlace and date.....

ENCLOSURES REQUIRED (in English)

- Curriculum Vitae
- Certified record of studies on university level
- Copies of your university degrees
- Evidence of English language proficiency
- A letter of motivation (Describe the reasons for your choice of program and of institution, why you think you are a suitable candidate for this program and how your choice of program fits with your career plans)
- Three recommendation letters

Application form and enclosures are to be sent before the 8th of July 2007 to:

For "A2MS PROGRAM"

Ms Odile ANGELE
A2MS Program
ENSAM
151, boulevard de l'Hôpital
75013 Paris - France

For "KIMP – DM PROGRAM"

Prof. Patrick MARTIN
KIMP – DM PROGRAM
ENSAM
4 rue Augustin Fresnel
57078 Metz cedex 3 - France

For "MODELING AND SIMULATION OF NUMERICAL SYSTEMS" PROGRAM

Ms Annie ARTAL
ENSAM
Esplanade des Arts et Métiers
33405 Talence - France

The admission results will be known by mid-July

Practical information for a stay at the ENSAM Paris Center

[NB: all costs are only indicative]

ADMINISTRATIVE INFORMATION

- Address: ENSAM, 151 bd de l'Hôpital, 75013 Paris, France
- Beginning of the classes: 1st of October 2007
- For registration go to: *Scolarité* (Registrar's Office) and ask for Ms Violaine Emery (violaine.emery@paris.ensam.fr)
- **Tuition fees in 2006-2007** (increase expected in 2007-2008) = **419.57 €** including :
registration fees = 211 € documentation = 15 €
Social Security registration = 189 € medical examination = 4.57 €

ACCOMMODATION

Cost of a room in the ENSAM student hall of residence: ~251 € per month

Address of the residence: 1 rue Pierre Massé - 75690 Paris Cedex 14

Register on the web www.maison-arts-et-metiers.fr as soon as you know that you are admitted at ENSAM Paris.

NB: A room in the hall of residence entitles you to state housing aid (called ALS) if you stay for than 6 months.

Other kinds of accommodation (to be found by yourself)

- Other student residence halls (information on the web: www.crous.fr)
- Indicative cost of a room in a family: 350-400 €

CATERING

A meal at a student restaurant: ~ 2,7 €

Several student restaurants near the ENSAM Paris Center

TRANSPORT

- Nearest subway stations: "Place d'Italie" (line 6 and 7) – "Campo Formio" (line 5)
- How to go to the Center from the airports (Roissy or Orly):
Get on the RER B train up to "Denfert-Rochereau" then subway line 6 up to "Place d'Italie"
- A bus/ subway ticket: ~1,40 €
- Student monthly pass: ~ 55 €

FACILITIES

- Free access to the Internet at the Center (register to the webmaster for a mail box)
- Free access to a language laboratory at the Center
- Intensive French classes in September (grammar, written and oral French, French scientific vocabulary) - information and registration form to get from genevieve.cliton@paris.ensam.fr
- French course for foreign students during the academic year

Indicative cost of living (lodging + meals + transports) About 850 € per month