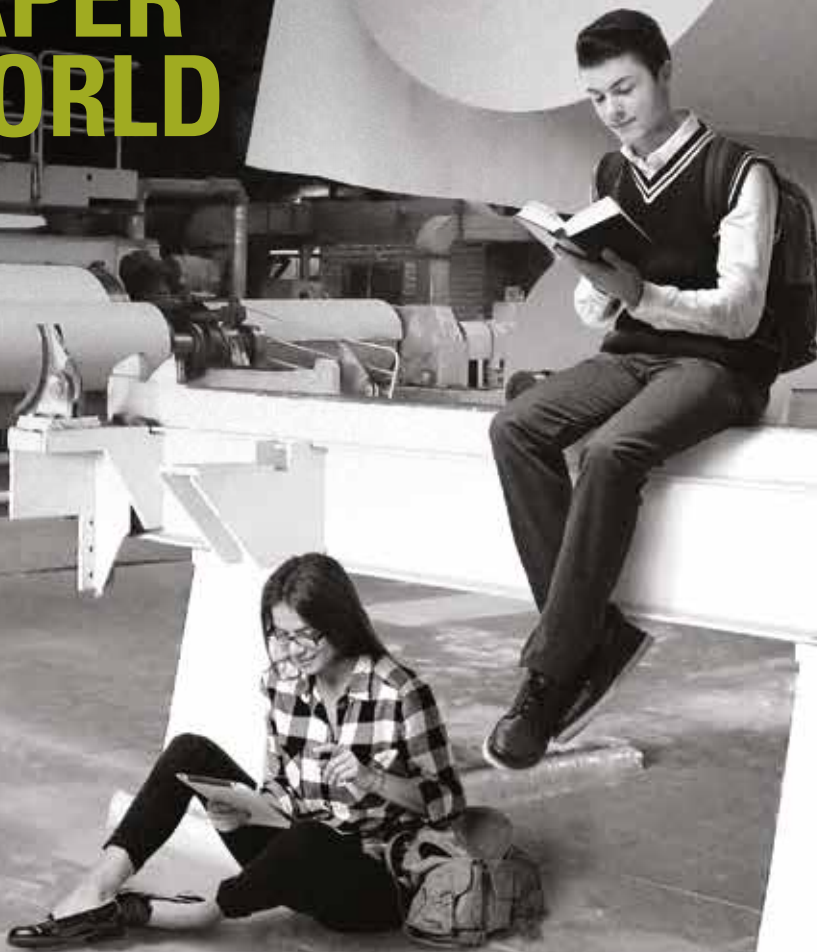




mastercarta & cartone

**16<sup>TH</sup> MASTER'S DEGREE  
IN TECHNOLOGY AND MANAGEMENT  
OF PAPER AND CARDBOARD INDUSTRY**

**YOUR  
FUTURE  
IN THE  
PAPER  
WORLD**



UNIVERSITÀ DI PISA



FONDAZIONE LUCCHESE PER  
L'ALTA FORMAZIONE E LA RICERCA



[www.mastercartalucca.it](http://www.mastercartalucca.it)

## LUCCA PAPER DISTRICT

### **100 companies in the territory**

The territory of the province of Lucca where the paper district is located comprises an area of twelve municipalities (Capannori, Porcari, Altopascio, Pescia, Villa Basilica, Borgo a Mozzano, Fabbriche di Vallico, Galliciano, Castelnuovo Garfagnana, Barga, Coreglia Antelminelli, Bagni di Lucca) and covers about 750 square kilometres. Thanks to the abundance of water and to the northern wind which distinguish the territory, as well as its strategic position in Italy and in the Mediterranean basin, paper production started here back in the 13th century its long tradition.

Overall, the paper and cardboard sector of the district comprises over 100 companies with a turnover of 3.500 million Euro and over 6.500 employees. Such figures represent only a part of the district which includes a part of the mechanical engineering sector, in particular linked to the production of machinery (with a turnover of over 2.500 million Euros and over 8.000 employees) and several satellite activities offering different products and services. 78% of companies are paper mills which produce paper for corrugators, tissue and cardboards for industrial, food and packaging uses, while the remaining part is constituted by converting companies. The district, with about 900.000 tonnes per year, controls about 80% of the national production of tissue paper (17% of the European datum) and it covers about 40% of the national corrugated cardboard production (5% of the European datum) with about 1.000.000 tonnes per year.

## PROSPECTUS OF THE COURSE

### **University of Pisa**

### **FLAFR, Lucca**

### **Companies in the area**

### **With the support of**

### **Celsius**

### **Training high qualified personnel**

The Master's degree arises from an agreement between the University of Pisa and the Fondazione Lucchese per l'Alta Formazione e la Ricerca and is characterized by its innovative didactic structure, where university professors and industrial managers' skills complement each other with the aim to provide a rigorous academic preparation which can be immediately spent in the business world. The course arises from the needs expressed by the representatives of the paper and corrugated cardboard sector. It is now common conviction that to be able to win the challenge imposed by the globalization of the markets, the training of high qualified personnel is necessary in order to rapidly be part of the productive cycle. It is also obvious how specialized training can only be performed with a strong synergy among University, business world and territory. At the end of the training program, identified with the project of the Master's Degree in question, we offer the labour market well-qualified professionals, characterized both by specific knowledge and by a flexible and systematic mind frame, deriving from the strong integration of technological culture with the acquired economic and management skills.



## RECIPIENTS

All Bachelor Degrees and Magisterial Degrees of the main courses at the Faculties of Engineering.

## CONTENTS AND STRUCTURE OF THE COURSE

The didactic plan is articulated in different courses. The strong integration between university professors and teachers coming from the production field is the assurance of a methodological accuracy associated to an immediate marketability of the acquired knowledge. For each subject students will be expected to pass an exam. Following the alternate classroom/company training phase there will be a 300 hour internship oriented to the application of the theoretical knowledge matured. The program is completed by the development of a thesis which will be presented in the final test. The Master's supporting companies might avail themselves of the students to develop a research project. Students will be allowed to take the final exam only after passing all the exams and after the internship. The Master's Degree grants 60 credits to be used within the university. All the Master is held in English.

## SEMINARS

During the whole Master's and in particular at the end of the lectures we shall organize seminars which examine the main current themes of the paper and cardboard world in depth. Such meetings are held by national and international experts on the themes chosen every year. Among the subjects planned you can find "lean production", "safety, quality, environment", "nanotechnologies", "sustainability", "maintenance", "water treatment", "behavioural and machinery safety", "supply chain".

## SCHOLARSHIPS

Several scholarships are offered to cover the enrolment fee. The Master's management board and the disbursing authority shall define a notice every year to obtain a scholarship. This notice will be published on the website **[www.mastercartaluca.it](http://www.mastercartaluca.it)**.



## DIDACTICS PLAN

Basic modules	Hours	Credits
Paper Chemistry	120	12
Automation. Electrical systems and safety	90	9
Plants for paper and cardboard production	120	12
Plants for paper converting	90	9
Energy efficiency and cogeneration	60	3

Additional modules	Hours	Credits
Machinery Directive. Health and safety requirements in machine design and manufacture	30	3
Management, Communication, Leadership	30	3

COMPANY INTERNSHIP	300 hours
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FINAL TEST
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### The Master's degree is held in english

## ORGANIZATIONAL SECRETARY

**Lucca**

**Fridays: 08.30 - 18.30**

**Saturdays: 08.30 - 18.30**

The lectures shall take place at the didactic seat in Via S.Micheletto, 3 in Lucca **on Friday and Saturday, occasionally on Thursday, from 8.30 to 18.30 (with a lunch break)**. Some classes might be conducted through video-conference by national and international experts. During the whole master a didactic secretary will manage timetables, technical structures, booklets and the overall organization.

## DIDACTIC MATERIAL

The didactic material is entirely supplied by the course organization and it consists of booklets specifically created by the teachers for the course. Booklets can be in printed, video or digital format. All the didactic material is in english.

## BENEFITS

For the whole Master's Degree the didactic seat is available for the students for their midweek study as well. Enrolled students may benefit from the agreement with the university canteen located just a few meters from the didactic seat.

**Fondazione Cassa di Risparmio di Lucca offers two free accommodation for students who live far away.**

## FOREIGN RELATIONS

Relations with European and American training institutions are currently being finalized in order to establish partnerships for research, update and exchange students.



## JOB PLACEMENT

Fifteen years after its activation the Master's Degree can be proud of the placement of 98% of its students. Such important result has been obtained thanks to the important network of collaboration among management, companies, trade associations, professionals and teachers.

## REQUIREMENTS OF ADMISSION, APPLICATIONS, FEES

### Fee: € 2.000,00

The enrolment fee for the Master's Degree is € 2.000,00 divided in 3 payments.

**Enrolment deadline:**  
**10.22.2018**



**Course starting on:**  
**11.16.2018**

The Master's Degree is open to a maximum of 30 participants, the whole duration of the course is of one year. Lessons are held only on Fridays and Saturdays. The minimum number required to activate the course is of 8 students.

Enrolment closes on October 22nd 2018. In case the maximum number of students is not attained, applications can be accepted till the day before the course starts, e.g. November 16th 2018. These applications are accepted, after evaluating the requirements, in chronological order of presentation until the attainment of the positions available. The selection of the candidates will be done based on the score resulting from the evaluation of the titles presented.

It is necessary to pre-enrol online and then to send the documents within the deadline of the notice. The online pre-enrolment must be done by October 22nd 2018 on the website [www.studenti.unipi.it](http://www.studenti.unipi.it). Once the pre-enrolment is completed applicants have to send their **curriculum vitae** (by October 22nd 2018) via mail to the address: Tecnologia e gestione dell'industria della carta e del cartone, c/o Celsius - Via degli Orti, 8 - 55100 Lucca. In case of postal delivery with delivery confirmation A.R. the date applied by the stamp of the Post Office will count as valid.

[www.mastercartalucca.it](http://www.mastercartalucca.it)

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 [master carta lucca](https://www.youtube.com/channel/UC...)  
[info@celsius.lucca.it](mailto:info@celsius.lucca.it)  
**+39 0583 469729**

All statements, titles and publications will not be taken into consideration if received after the deadline or sent with a different way than those indicated in the notice. The deadline may undergo variations which will be visible consulting the website of the University of Pisa or the website [www.mastercartalucca.it](http://www.mastercartalucca.it).

The list of the students admitted (students and auditors) with the modality and terms for the enrolment will be published on the website: [www.mastercartalucca.it](http://www.mastercartalucca.it). In case the master's degree is not activated a notice will be published on the same website where it is also possible to gather all the necessary information and the general notice.



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L'ALTA FORMAZIONE E LA RICERCA

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