### APPLICATIONS AND REQUIREMENTS

International candidates must have a Bachelor's degree.
Adequate knowledge of English is mandatory (level B2 or equivalent). Candidates must apply online at applymscenglish.unipi.it.

Successful applicants must follow the University of Pisa's standard enrolment procedure.

More details at: www.unipi.it/enrolment.

### **ENROLMENT AND FEES**

Enrolment instructions are available at matricolandosi.unipi.it/en.

Fees depend on the student's country of origin and vary from € 356 to € 2,452 for each academic year.

Information on fee waivers and scholarships can be found at www.unipi.it/tuition-fees.

### Website

https://dici.unipi.it/

### Study Programme Director

Prof. Marco Frosolini marco.frosolini@ing.unipi.it

### General Information

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## MSc Programme

in Technology and Production of Paper and Cardboard





### UNIVERSITÀ DI PISA

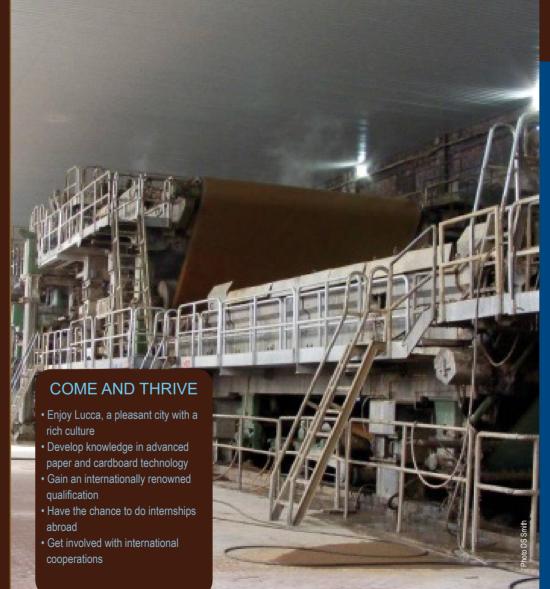
The University of Pisa (UNIPI) is a public institution composed of twenty departments, with high level research centres in the fields of agriculture, astrophysics, computer science, engineering, medicine and veterinary medicine.

Established in 1343, UNIPI is one of the most prestigious Italian higher education institutions and a modern centre for teaching and advanced research. One of the University's main strategies is that of internationalisation as it aims to engage with students and researchers and establish long-term partnerships with universities and public and private institutions from all over the world. With a current student population surpassing 54,000, UNIPI offers a large number of degree programmes taught in English and a variety of exchange programmes.



# Study at the Department of Civil and Industrial Engineering

The Department of Civil and Industrial Engineering was established in 2012 following the Italian Universities reform which saw the merging of the former departments of Nuclear and Mechanical. Engineering, Production Aerospace Engineering, Chemical Engineering and Materials with that of Civil Engineering. As a result, the current department teaches most of the well-established degree programmes and leads research activities in traditional disciplines within engineering



### PROGRAMME OVERVIEW

The programme is taught completely in English and lasts 2 years, with 60 ECTS credits earned in each.

FIRST YEAR	ECTS
Chemistry and technology of paper materials	12
Information Technologies for Industry 4.0	6
Design and construction of machines	6
Computer Aided Design	6
Paper production plants	12
Automation and drivers	12
Free choice activity	6
TOTAL	60

SECOND YEAR	ECTS
Sustainability and circular economy	6
Plant maintenance	6
Energy and energy efficiency	6
Paper and cardboard converting plants	12
Free choice activity	6
Final examination	24
TOTAL	60

FREE CHOICE ACTIVITY	ECTS
Soft and complementary skills	6
Materials and strength of materials	6
Health, Safety, Environment & Quality	6
Project Management	6
TOTAL	24

### PROFESSIONAL PROSPECTS

Graduates in "Technology and Production of Paper and Cardboard" will have the chance to continue their studies into higher education as well as pursue careers in the paper and paperboard industry, public and private research institutions and other industrial enterprises where the knowledge of processes, materials and the enabling technologies for Industry 4.0 and Circular Economy is especially relevant.