APPLICATIONS AND REQUIREMENTS

International candidates must have a Bachelor's degree in Computer Science, Computer Engineering, Statistics, Physics, Mathematics, or a degree with at least 40 ECTS credits in the following areas: Management, Economics, Informatics, Statistics, Physics, and Mathematics.
Adequate knowledge of English is mandatory (level B2 of CEFR).

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.

Website
www.di.unipi.it/en/education/mds

Study Programme Director
Prof. Giorgio Ghelli
ghelli@di.unipi.it

General Information
datascience@di.unipi.it

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 euros to € 2,452 for each academic year.
Information on fee waivers, extraordinary contribution and scholarships can be found at www.unipi.it/tuition-fees.

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UNIVERSITÀ DI PISA

MSc Programme in Data Science and Business Informatics

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 held in English and a variety of exchange programmes.

Study at the Department of Computer Science

The Dept. of Computer Science at the University of Pisa was the only one of its kind until the late 1960s. It currently consists of 40 professors (full/associate) plus researchers, PhD students and research fellows.

Many of the department's research groups participate in national and international research projects and have also contributed towards a number of excellent results in various areas of research in Computer Science.

COME AND THRIVE

- Get interdisciplinary skills in data science and business economics
- Master business analytics, data warehousing, data mining, and big data
- Benefit from the business analytics job market rise
- Enjoy a valuable and multicultural experience

PROGRAMME OVERVIEW

The Programme in Data Science and Business Informatics is taught by the Department of Computer Science in collaboration with the Department of Economics and Management. It is structured as follows:

- Compulsory courses (48 ECTS credits) taken in the area of Informatics

- Compulsory courses (6 ECTS credits) taken in the area of Operations Research

- Elective courses (18 ECTS credits) taken in the areas of Business Economics, Operations Research, and Statistics

- Elective courses (12 ECTS credits) taken in the areas of Informatics, Business Economics, Operations Research, and Statistics

- Elective courses (9 ECTS credits) chosen from a list compiled every year by the Master's Programme Council

- Thesis work (27 ECTS credits)

Compulsory courses are taught in English. A selection of elective courses are available from lists of courses also offered in English.
Final thesis topics can be linked to internship work or work completed in public/private companies.

PROFESSIONAL PROSPECTS

This programme is orientated towards meeting the growing demand for professionals that have both interdisciplinary skills in informatics and business and the ability to use analytic methods. Those who successfully complete the programme will be able to employ advanced methods of design, development and management of data analysis techniques.