

APPLICATIONS AND REQUIREMENTS

International candidates must have a Bachelor's degree in an engineering discipline or applied science. Adequate knowledge of English is mandatory (B2 level).

Candidates must apply online at applymscenglish.unipi.it. Successful applicants must follow the University of Pisa's standard enrolment procedure.

More details at: <https://www.unipi.it/index.php/enrolment>.

Website
<http://msse.ing.unipi.it>

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MSc Programme in
Aerospace
Engineering



ENROLMENT AND FEES

Enrolment instructions are available at matricolandosi.unipi.it.

Fees depend on the student's country of origin and vary from € 356 to € 2,556 for each academic year.

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

UNIVERSITÀ DI PISA

The University of Pisa (UNIFI) 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, UNIFI 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, UNIFI offers a large number of degree programmes held in English and a variety of exchange programmes.



Study at the Department of Civil and Industrial Engineering

The Aerospace Division in the Civil and Industrial Engineering Department (DIA) comprises around 20 professors who represent the majority of our teaching staff. DIA has been active on an international level and involved with many organisations worldwide since the 1980s. For instance, it is a founding member of the ECATA consortium, which is dedicated to providing education for aeronautical industry professionals, and is part of the PEGASUS network of top European Aeronautics and Space universities. DIA has also established a number of partnerships and exchange programmes with various European and US universities including the University of San Diego and the Jet Propulsion Laboratory at Caltech.

COME AND THRIVE

- Enjoy a valuable and multicultural learning experience
- Benefit from potential career opportunities
- Get involved with cutting-edge research
- Push the boundaries of space exploration



PROGRAMME OVERVIEW

This Master's programme lasts 2 years with a total of 120 ECTS credits earned. The final project, on an original research or design topic, can be completed either at the University of Pisa or at another approved institution, such as a second university, a research centre or a company.

The MSc programme (Space option, taught completely in English) is structured as follows:

FIRST YEAR	ECTS
Aerospace Dynamic Systems Analysis	6
Aerospace Structures	12
Spaceflight Mechanics	12
Fluid Dynamics of Propulsion Systems I	6
Fluid Dynamics of Propulsion Systems II	6
Fundamentals of Spacecraft Technology	6
Electric Propulsion I	6
Electric Propulsion II	6
TOTAL	60
SECOND YEAR	ECTS
Space Systems	12
Spacecraft Structures and Mechanisms	12
Rocket Propulsion	12
Final project	24
TOTAL	60

PROFESSIONAL PROSPECTS

Graduates of Aerospace Engineering will have the chance to continue their studies into higher education as well as pursue careers in the aerospace industry, public and private aerospace research institutions, the Air Force, and other industrial enterprises where the application of aerospace technology is especially relevant.