

INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

MATERIALS ENGINEERING

Materials Engineering is an interdisciplinary and revolutionary sector that has transformed every aspect of modern life by gradually introducing new materials crucial to the development of new technologies and numerous industries. The training provides students with specific professional knowledge, aimed at finding the best solutions for the production of materials and for their transformation and use processes.



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

MATERIALS ENGINEERING

LEVEL Master

SCHOOL Engineering

DEPARTMENT Industrial
Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR
Alessandro Martucci

WEB

www.unipd.it/en/materials-engineering

APPLY.UNIPD.IT



TOP 150 2023
Civil and Structural Engineering



BY SUBJECT

ENTRY REQUIREMENTS

- Bachelor's degree (or equivalent) in the field of Materials Science and Engineering, Physics, Chemistry or other materials science or engineering-related studies
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Compulsory course units: basic and methodological training, tools for in-depth knowledge of all classes of materials and their production methods, mechanical design, materials transformation and processing technologies, selection and management of materials in operation.

Elective course units: design, experimentation, and analysis activities offering the widest possible preparation to meet student's career aspirations.

Curricula: Functional Materials, Advanced Materials Technologies.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,700 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates can work in a variety of industries, from companies producing or using materials to research institutes or laboratories in the field of new materials, as highly qualified engineers capable of designing and developing complex innovative products or processes and addressing design issues with traditional and innovative materials.