Laurea Magistrale (MSc) in Sustainable Architecture and Landscape Design
Piacenza Campus
www.polinternational.polimi.it
Presentation

The MSc Degree programme in Sustainable Architecture and Landscape Design offers the student the tools to become an Architect with a sound competence on theories, methods and applications of Architecture and of Landscape Design, highly skilled in the issues of contemporary territories: regeneration of productive landscapes; sustainable transformation of the architectural, urban and rural landscapes; transformation of the built environment and re-use of the existent soil; design of open spaces and infrastructures; protection of the territory; valorisation of the ecological and cultural resources; design strategies for new forms of sustainable inhabiting.

To this aim, this Degree Programme offers a complex view on the environment, dealing with all the landscape forms: from urban, to agricultural and to suburban areas, in line with the European Landscape Convention (2000) which “applies to the entire territory of the Parties and covers natural, rural, urban and peri-urban areas”. More specifically, the landscape is seen as “represented”, “constructed” and “productive” landscape, with a specific attention to the aspects of sustainability (from a physical, economic and social point of view). The programme is taught in English.

Eligible students

Students holding at least a BSc degree in Architecture or related field are eligible for application. The Committee will evaluate case by case students with different background. The candidate is required to provide a portfolio and an English language certificate.

Subjects

Theories of architecture, city and landscape; Steel, timber and reinforced concrete structures; History of architecture and landscape in the contemporary age; Urban and landscape Regeneration studio (environmental technology, landscape as heritage, general ecology); Architectural design studio 1 (sustainable architecture, technical environmental systems, multi-criteria analysis and project appraisal); Urban and environmental design studio (design of public spaces and infrastructures, agronomy and food sciences, sociology of the environment); Architectural design studio 2 (advanced architectural design, topography and cartography, landscape urbanism and land planning); Landscape design studio (advanced landscape design, physical geography and geo-morphology, techniques and tools for environmental design); Landscape representation and aesthetics.

Optional courses

- Italian territories and landscape tradition
- Open source architecture
- Arboriculture and agrobiotechnologies
- Architecture and creativity: cultural industries
- Special topics in landscape (workshop)
- Special topics in architecture( workshop)

Fees

For EU students students fees are based on students’ family income and on the presented study plan. They range from about €900 to €3,500 per year.

For Non-EU students fees are equal to about €3,500 per year.