Together with the highlighting of the changing role of the architect in the transformation project, the current debate about architectural programs includes the difference between providing architectural education and to form practicing architects.

Providing architectural education means to develop skills and knowledge related to architectural cultures, such as spatial skills, technical and structural knowledge, social and political awareness, and team-working abilities; these skills are required and appreciated in many other fields related or not with the architectural and building sectors. On the other hand, to form practicing architects means to look closely at the skills and knowledge required by the building sector, specifically focusing on technical and management skills, being less concerned by the cultural dimension, critical spirit, and social engagement.

This yearbook shows the challenge undertaken by the Politecnico to form high-level practicing architects together with socially responsible and critical thinking versatile designers (in the broader sense of the term).

Matteo Robiglio

The Politecnico di Torino Yearbook #01 reports selected works of the design studios and the master thesis of its School of Architecture.

The School of Architecture of the Politecnico di Torino is growing, open, interdisciplinary school, part of a global research university focused on design in all technical fields. Established in 1931 – but with a background that can be traced back to the Royal Technical School for Engineers founded in 1859 – it is one of the oldest architecture schools of Italy.

After a 3-year-long broad Bachelor program in Architecture, whose scope is to provide a general understanding of architecture, building techniques, urban forms and societies, environmental challenges, and to develop solid drawing and design skills, students can join one of the three 2-year Master programs on Heritage preservation and Enhancement, Sustainable Design or Construction City.

All programs are offered in Italian and English, except for Architecture Heritage preservation and Enhancement, in which students accede in Italian to one of the world’s richest heritage cultures.

Matteo Robiglio

INDEX

INTRODUCTION
by Matteo Robiglio

ARCHITECTURAL EDUCATION AT POLITECNICO DI TORINO
by Michela Barosio

SCHOOL OF ARCHITECTURE
> Director Matteo Robiglio

BACHELOR PROGRAMME
> Director Roberto Giordano

1st Year – Architectural Design and Urban Planning Studio
2nd Year – History and Design Studio / Architectural Construction Studio

MASTER PROGRAMME
Architectural Construction City
> Director Michele Bonino

Architecture for Sustainable Design
> Director Carla Bartolozzi

Architecture Heritage preservation and Enhancement
> Director Annalisa Dameri

MASTER THESIS
Community and Shapes
Construction and Resilience
Heritage and Conversions
Space Mutations
Politecnico di Torino

School of Architecture
Yearbook #01
BACHELOR PROGRAMME IN ARCHITECTURE

> 1\textsuperscript{st} Year – Architectural Design and Urban Planning Studio
> 2\textsuperscript{nd} Year – History and Design Studio / Architectural Construction Studio
> 3\textsuperscript{rd} Year – Interior Design Studio / Eco-Efficient Design Studio / Architectural and Structural Design Studio / Urban Design Studio / Restoration and Structural Design Studio

MASTER PROGRAMME IN ARCHITECTURE

> Architecture Construction City
> Architecture for Sustainable Design
> Architecture Heritage preservation and Enhancement

MASTER THESIS

> Community and Shapes
> Construction and Resilience
> Heritage and Conversions
> Space Mutations
A growing, open, interdisciplinary school of architecture

The School of Architecture of the Politecnico di Torino is part of a global research university focused on design in all technical fields. Established in 1931 – but with a background that can be traced back to the Torino Academy of Arts, founded in 1678 – it is one of the oldest architecture schools of Italy.

After a 3-year-long broad Bachelor program in Architecture, whose scope is to provide a general understanding of architecture, building techniques, urban forms and societies, environmental challenges, and to develop solid drawing and design skills, students can join one of the three 2-year Master programs on Architecture Heritage preservation and Enhancement, Architecture for Sustainable Design or Architecture Construction City.

All programs are offered in Italian and English, except for Architecture Heritage preservation and Enhancement, in which students accede in Italian to one of the world's richest heritage cultures. The Schools offer and support international mobility from and to Europe and the World – with stronger links with China, the USA and Latin America, with growing opportunities in Africa – thanks to the Erasmus program, the double degree agreements and individual mobility grants.

Students are encouraged to explore courses and laboratory training offered by the Schools of Engineering, Design and Planning, building their unique learning path, thanks to a broad and rich educational offer.

Hands-on research by design and teamwork: the atelier at the core of architectural education

Architecture is a practical knowledge that is expanded, enriched and transmitted by design. At the very core of teaching in the School of Architecture of the Politecnico di Torino is the intense learning experience of interdisciplinary design ateliers: professors and experts from different fields work together with students in imagining, designing and developing solutions to complex urban, social, economic and technical problems. Specific scientific fields start their formalization from the issues arising in the design process, constantly bridging theory and practice, history and innovation.
Research and education in, for and by design: from bachelor to masters, PhD and training

Humanities, history, social sciences, economy, natural sciences, information and technology are the ingredients of a structurally interdisciplinary education, training and research in Architecture at the Politecnico di Torino, where future innovation is always linked and rooted in awareness and knowledge of the past. Research and education share a common design-oriented approach and are deeply connected at all levels, from bachelor to PhD, allowing students to accede to the most innovative research topics and experiences, while acquiring a deep and solid background based on history and theory.

Facts and figures

4,000 students (2,300 Bachelor, 1,600 Master, 100 PhD), 53% female, 47% male, 30% from outside of Piedmont, 15% from outside Italy.
140 full-time staff members + 56 part-time staff members + international visiting professors + invited lecturers and critics

The School is based in the XVII century baroque Valentino Castle, where the Politecnico was founded in 1906, following the Royal Technical School for Engineers founded here in 1859. The School is recently expanded into the 1923 modernist Lingotto and would then soon grow to occupy the refurbished 1950 Torino Expo buildings by Pier Luigi Nervi and Riccardo Morandi – refurbished according to the project of Aimaro Isola and Rafael Moneo, winning team in 2016 international competition – merging modern and antique architectures in an unique campus along the Po river, immersed in the gorgeous greenery of the Valentino Park and facing the lively San Salvario neighbourhood.

Facilities and services include the "Roberto Gabetti" Architecture Library with 110,000 books (10,000 rare and/or antique), 15,000 dissertations, 2,120 periodicals, the Maps archive, the Modelling & 3D lab, Computer lab, Building and measurements lab, Heritage Survey lab, Self-building lab, Building technology lab, Multimedia lab, Virtual reality lab – plus, study rooms, cafeteria, copy centre and exhibition hall.
SCHOOL OF ARCHITECTURE
Director Matteo Robiglio

Politecnico di Torino

BACHELORS OF SCIENCE-ARCHITECTURE
> Director Roberto Giordano
3 years

PROFESSIONAL TRAINING
Elective course
12 credits

FINAL ESSAY
(Portfolio)
3 credits

ITALIAN

PROFESSIONAL TRAINING
Elective course
12 credits

FINAL ESSAY
(Portfolio)
3 credits

ENGLISH

YOUNG TALENT PROJECT

JUNIOR ARCHITECT
Masters of Science-Architecture
2 years

Architecture Construction City
> Director Michele Bonino
ENG/ITA

Architecture Sustainable Design
> Director Carla Bartolozzi
ENG/ITA

Architecture Heritage Preservation Enhancement
> Director Annalisa Dameri
ITA

Thesis 30 credits

Professional Training 10 credits
Thesis 20 credits

Specializing Master
1/2 years

Postgraduate School
> Architectural and Landscape Heritage
2 years

Ph.D. School
> Architectural and Landscape Heritage
> Architecture History and Project
> Urban and Regional development
3 years

Alta Scuola Politecnica

Architect

Doctor of Philosophy
Together with the highlighting of the changing role of the architect in the transformation’s project, the current debate about architectural programs includes the difference between providing architectural education and to form practicing architects.

Providing architectural education means to develop skills and knowledge related to architectural cultures, such as spatial skills, technical and structural knowledge, social and political awareness, and team-working abilities; these skills are required and appreciated in many other fields related or not with the architectural and building sectors. On the other hand, to form practicing architects means to look closely at the skills and knowledge required by the building sector, specifically focusing on technical and management skills, being less concerned by the cultural dimension, critical spirit, and social engagement.

This yearbook shows the challenge undertaken by the Politecnico to form high-level practicing architects together with socially responsible and critical thinking versatile designers (in the broader sense of the term).

Michela Barosio

Prior to the highlighting of the changing role of the architect in the transformation’s project, the current debate about architectural programs includes the difference between providing architectural education and to form practicing architects.

Providing architectural education means to develop skills and knowledge related to architectural cultures, such as spatial skills, technical and structural knowledge, social and political awareness, and team-working abilities; these skills are required and appreciated in many other fields related or not with the architectural and building sectors. On the other hand, to form practicing architects means to look closely at the skills and knowledge required by the building sector, specifically focusing on technical and management skills, being less concerned by the cultural dimension, critical spirit, and social engagement.

This yearbook shows the challenge undertaken by the Politecnico to form high-level practicing architects together with socially responsible and critical thinking versatile designers (in the broader sense of the term).

Michela Barosio

The Politecnico di Torino Yearbook #01 reports selected works of the design studios and the master thesis of its School of Architecture.

The School of Architecture of the Politecnico di Torino is growing, open, interdisciplinary school, part of a global research university focused on design in all technical fields.

Established in 1931 — but with a background that can be traced back to the Royal Technical School for Engineers founded in 1859 — it is one of the oldest architecture schools of Italy.

After a 3-year-long broad Bachelor program in Architecture, whose scope is to provide a general understanding of architecture, building techniques, urban forms and societies, environmental challenges, and to develop solid drawing and design skills, students can join one of the three 2-year Master programs on Heritage preservation and Enhancement, Sustainable Design or Construction City.

All programs are offered in Italian and English, except for Architecture Heritage preservation and Enhancement, in which students accede in Italian to one of the world’s richest heritage cultures.