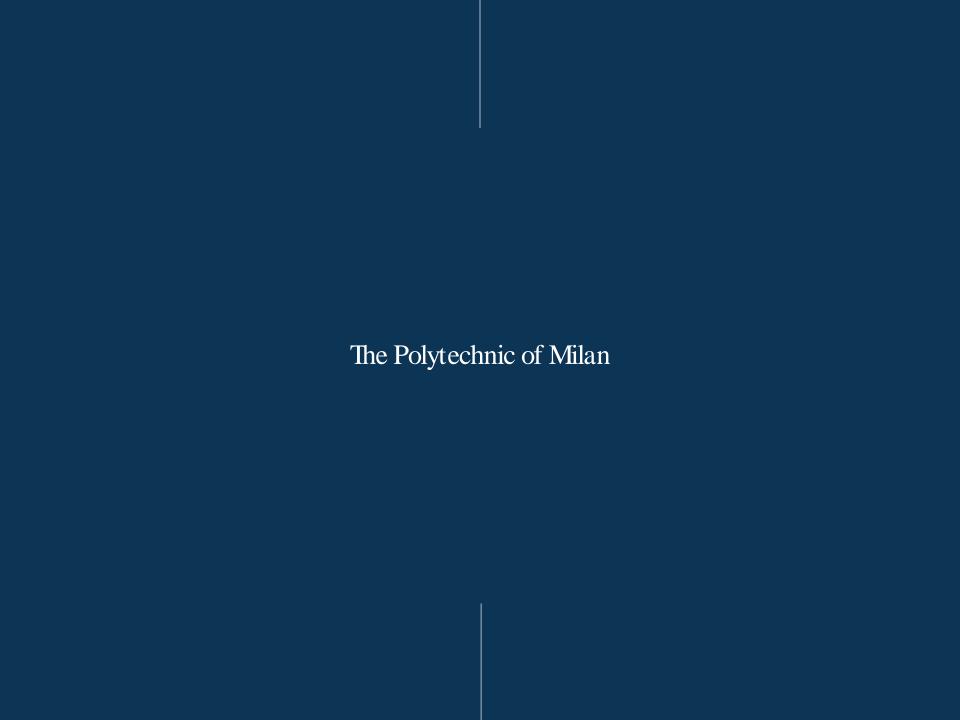


School of
Architecture Urban Planning Construction Engineering
Lesson Zero AY 2024/25





The Politecnico



43.000

students

1.300

teachers

1.200

administrative and technical staff

QUALITY



no. 1 in Italia,

no. 5 in Europa,

no. 8 nel mondo

nella categoria «Architecture/ Built Environment»
QS World University Ranking 2023

The Politecnico di Milano

The Logo of the Politecnico di Milano originates from the Raphael's Cartoon, used for the "School of Athen" frescoed at the Vatican in 1510, and now at the Pinacoteca Ambrosiana di Milano







The Rector of Politecnico di Milano is DONATELLA SCIUTO



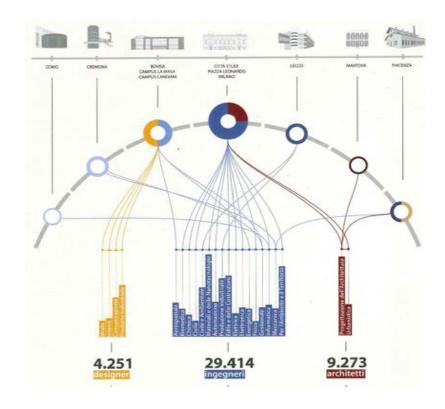
The Politecnico and the territory

The Politecnico has two Campuses in Milano

- Leonardo Campus
- Bovisa Campus

and four regional districts

- Lecco
- Mantua
- Piacenza
- Cremona



The Politecnico, Departments and Schools

Il Politecnico is based on two 'parallel' institutions:

- 12 Departments, coordinating scientific research in different disciplinary fields, to which the teachers belong (there are 12 Departments at the Politecnico di Milano)
- 4 Schools, coordinating the 28 Bachelor Degree Programs and 42 Master Degree Programs. They are:
 - School of Architecture Urban Planning Construction Engineering (AUIC)
 - School of Industrial and Information Engineering (3I)
 - School of Design
 - School of Civil Environmental and Land Managemeng Engineering (ICAT)

The School of Architecture Urban Planning Construction Engineering (AUIC)

FACULTY MANAGEMENT

The Dean of the School is ANDREA CAMPIOLI

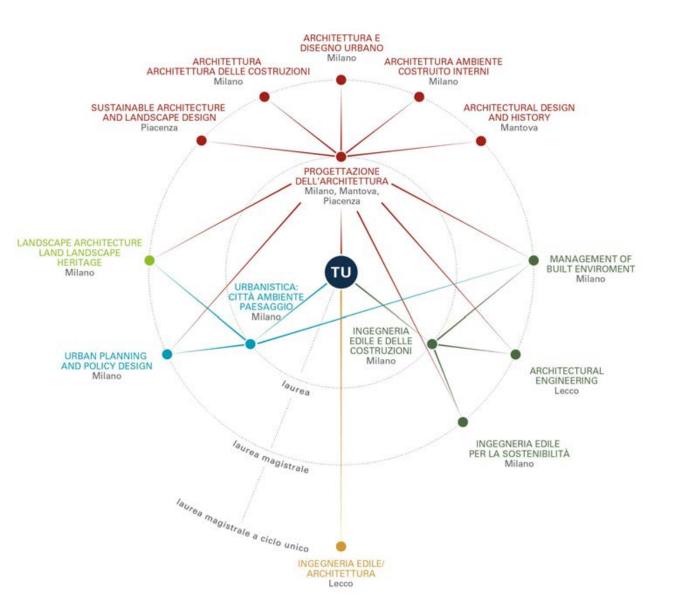
The **Dean** leads the School in collaboration with the School Board, and the coordinators of the Degree Programmes

The **School Board** is composed on Teachers and Students' Representatives, and is in charge for proposing programmes and following the students' career



Course of studies 1STYEAR 2ND YEAR ADMISSION TEST 3RD YEAR **BACHELOR OF SCIENCE** PROFESSIONAL REQUIREMENTS ADMISSION State Exam + register at ASSESSMENT Architect's Board - section B POSTGRADUATE I LEVEL 1ST YEAR 2ND YEAR **MASTER OF SCIENCE** PROFESSIONAL REQUIREMENTS State Exam + register at Architect's Board POSTGRADUATE II LEVEL PHD

Educational path



Educational offer

PROFESSIONAL OPPORTUNITIES

- _ collaboration in the **design and construction management activities**, including public works
- _ direct and instrumental survey activities
- _ design and management of works relating to simple constructions and maintenance and requalification of the buildings

Graduates in Architectural Design can enroll in the Order of Architects, Planners, Landscape and Preservators Architects, in SECTION B, Architecture sector, with the title of **Junior Architect**.

Presidential Decree 328/2001 governs the professional activity of those enrolled in section B for the Architecture sector, reserving for these professionals:

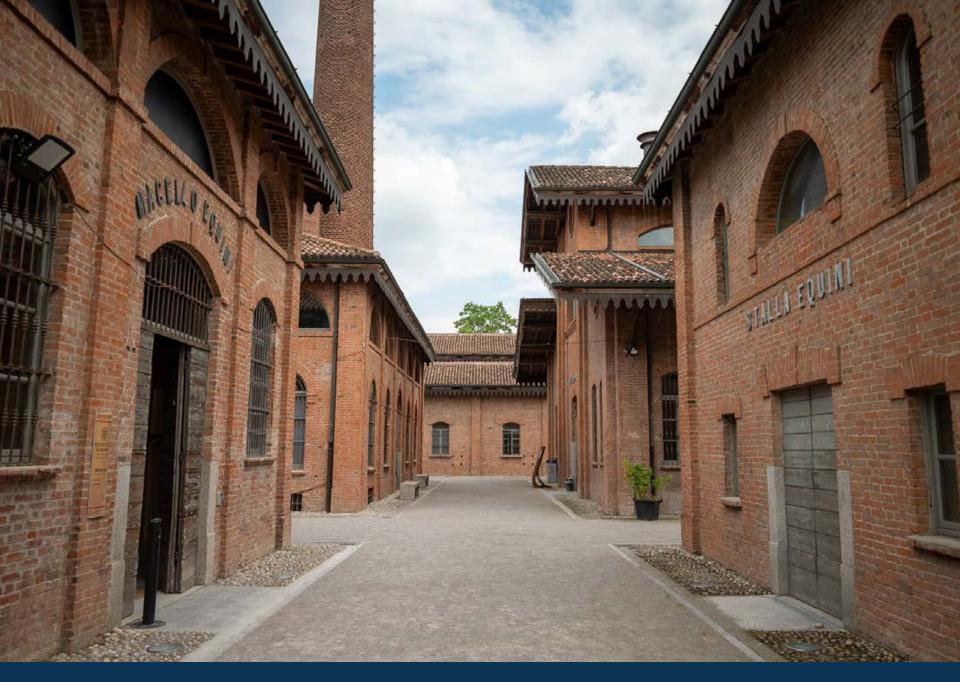
"the design, construction management, supervision, measurement, accounting and settlement of simple civil constructions, with the use of standardized methodologies" Piacenza Campus: Spaces and Facilities

















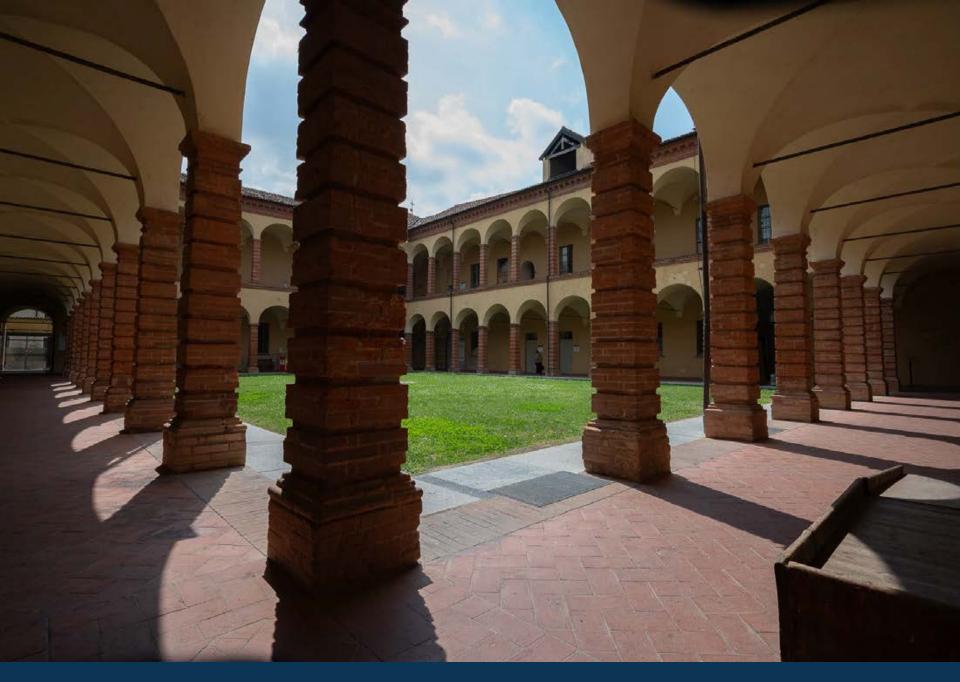






















Bachelor Programme ARCHITECTURAL DESIGN Piacenza

(English track of Progettazione dell'Architettura)

Reference Persons for your Bachelor Degree

Coordinator of the Bahcelor Degree Program is Luigi Spinelli

Deputy Coordinator is Laura Daglio
Deputy Coordinator for the international track is Luigi Cocchiarella
Deputy Coordinator for Mantova Campus is Angelo Lorenzi
Deputy Coordinator per Piacenza Campus is Federico Di Cosmo

Your **19 Students Representative** are: Jemma Airoldi, Diane-Sophie Capelle, Shreshtha Choudhury, Carlo Maria Gagliardi, Caterina Giusti, Alessandra Gnocchi, Meric Gulduoglu, Maribel Iacovone, Pier Giuseppe Ingegnoli, Wiktoria Oktawia Krawczy, Luca Lombardi, Elena Menna, Silvia Panicucci, Andrea Pedemonte Frascaroli Calvino, Virginia Quadri, Bianca Sellaroli, Giovanni Sironi, Elena Surovet, Benedetta Tei

The **Student-Professor Joint Commitee** is made up of:

Professors: Daniele Fanzini (Presidente), Matteo Fiori, Michele Caja, Sonia Pistidda, Cristina Renzoni

Students: Jemma Airoldi, Luca Lombardi, Costanza Maria Mazzeschi, Elena

Surovet, Benedetta Tei



Places Available

	studenti UE	studenti extraUE	totale	pspa
MILANO italiano	745	5	750	MIA
MILANO inglese	50	50	100	MIE
MANTOVA italiano	90	2	92	MNA
PIACENZA italiano	40	12	52	PCA
PIACENZA inglese	10	40	50	PCE
totale	935	109	1044	

MANIFESTO

(Courses)

THE KNOWLEDGE: TEACHINGS

The teachings are the place for the construction of knowledge and the deepening of the disciplines that converge in the project



- History of architecture (1, 2 year)
- History of art
- Fundamentals of representation
- Elements of Architectural Typology
- Architectural technology fundamentals
- Heritage Preservation fundamentals
- Urban planning
- Math
- Statics
- Building physics
- Mechanics of materials and structures
- Project evaluation

THE KNOW-HOW: THE STUDIOS

the Studios are the place where the integration of disciplinary components into the practice of the project is experimented



- Architectural design studio (1, 2, 3 year)
- Urban planning studio
- Building technology studio
- Historical Building preservation studio
- Interior design studio
- Final design studio



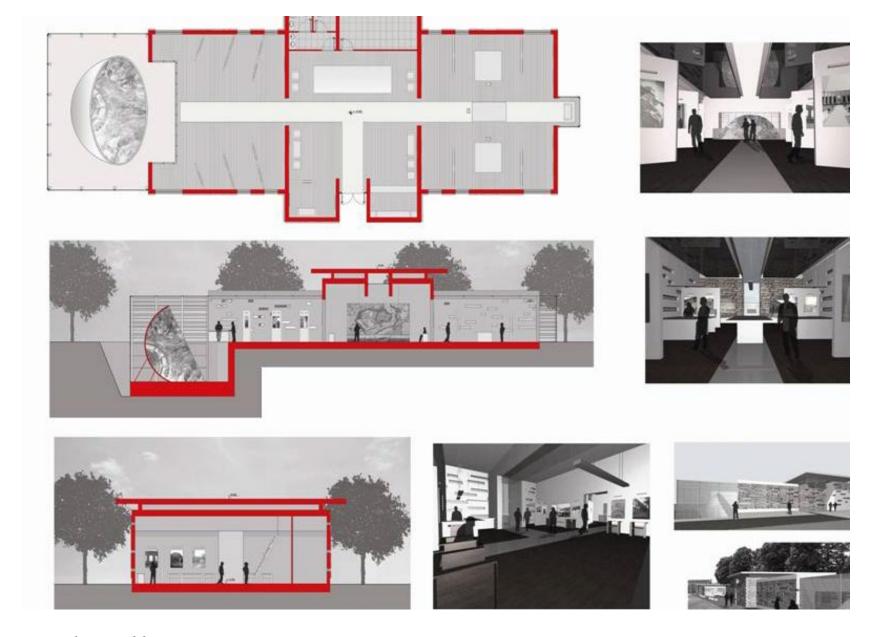
FIRST YEAR

In the first year, the knowledge to be acquired concerns the fundamental contributions of history, design, urban planning, mathematics, technology, preservation.

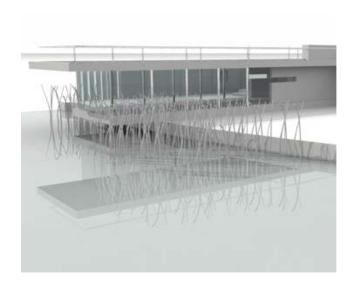
The first contact with the design experience tends to focus on the fundamentals that govern a correct composition of the architectural organism, its distributive characteristics and its relations with the context.

PIACENZA_ENGLISH_FIRST YEAR

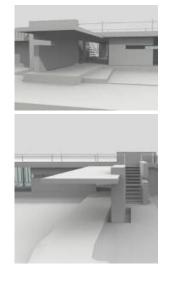


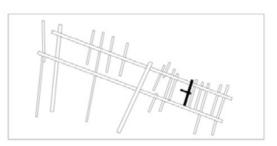


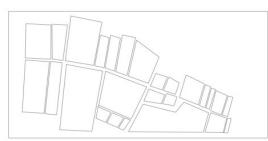
Laboratori del primo anno





















Laboratori del primo anno

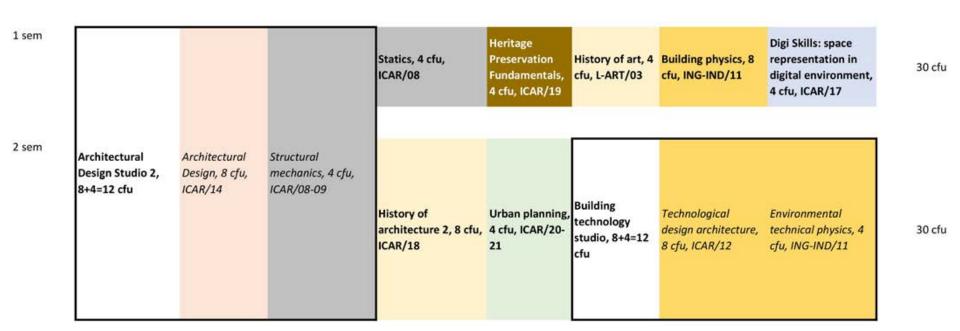


SECOND YEAR

In the second year, the path through history is completed and knowledge relating to the static and energetic behavior of building systems is introduced.

The design experience has as its objective the ability to govern the relationships that, in the architectural design process, binds materials, construction elements, executive techniques, environmental and functional needs, regulatory constraints.

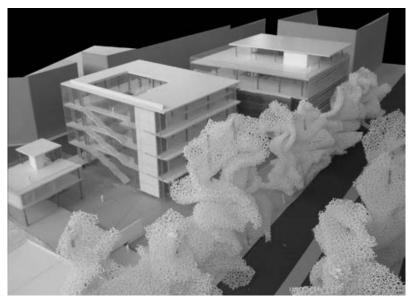
PIACENZA_ENGLISH_SECOND YEAR



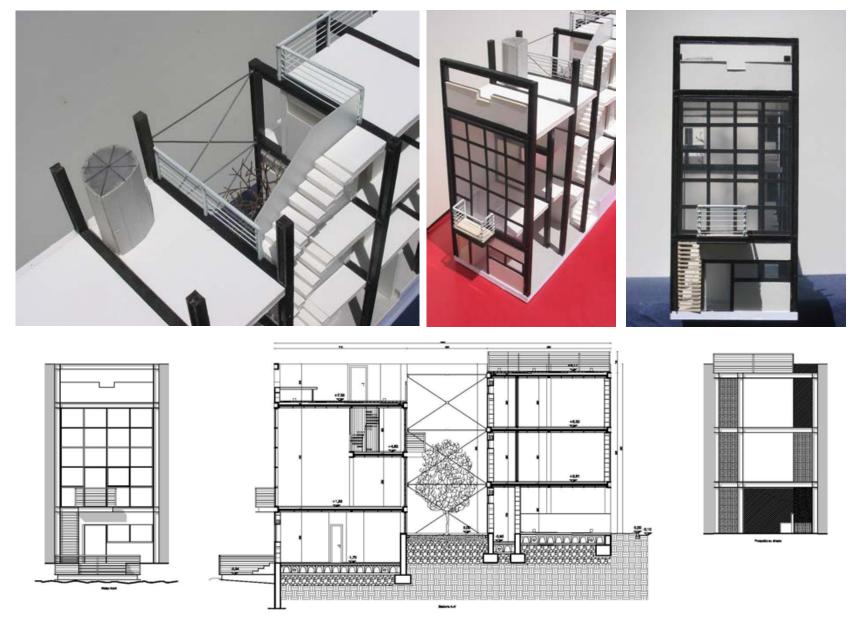








Laboratori del secondo anno



Laboratori del secondo anno



THIRD YEAR

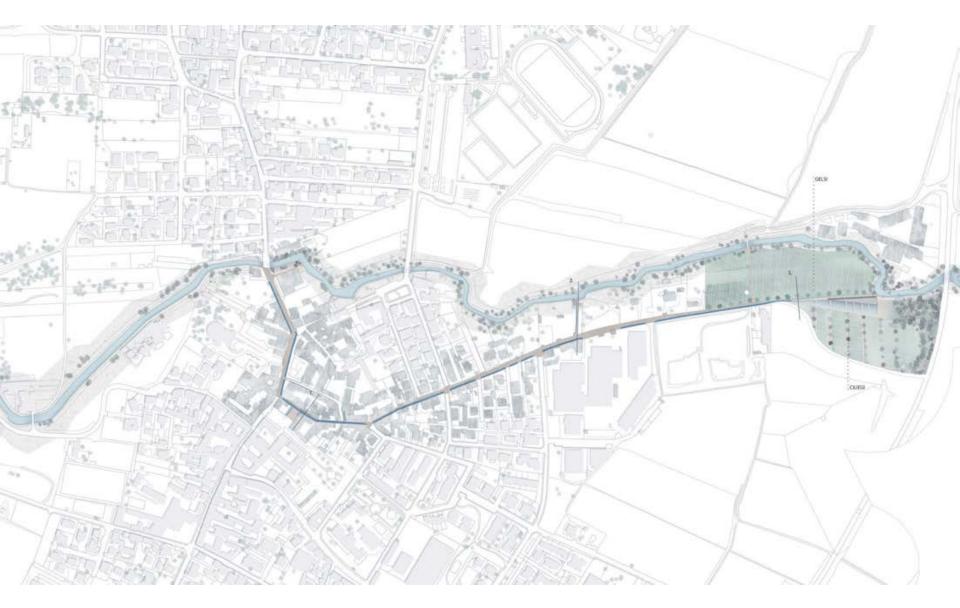
In the third year the knowledge in the structural field is deepened and the topic of the technical-economic evaluation of the project is addressed.

The design experience includes an in-depth study on the architecture of the interiors or the conservation of historic buildings.

The Final design studio proposes an in-depth study of the methodological aspects of the project at the different scales of intervention and proposes to the student the tools and techniques suitable for dealing with the complexity of the architectural project.

PIACENZA_ENGLISH_ THIRD YEAR

1 sem	Mechanics of materials and structures, 8 cfu, ICAR/08	Architectural Design Studio 3, 8+4=12 cfu	Architectural Design, 8 cfu, ICAR/14	Landscape design, 4 cfu, ICAR/15	Historical Building preservation studio, 8+4=12 cfu	Principles of the conservation project of historical building, 8 cfu, ICAR/19	Urban Design, 4 cfu, ICAR/21	32 cfu
2 sem	Project evaluation, 4 cfu, ICAR/22	Final Design Studio, 4+4+4=16 cfu	Architectural Design, 4 cfu, ICAR/14	Landscape Design, 4 cfu, ICAR/15	Technology of architecture, 4 cfu, ICAR/12			20 cfu



Laboratori del terzo anno





Laboratori del terzo anno

PIACENZA_ITA/ENG_ELECTIVE COURSES

3 anno 1-2 sem CORSI OPZIONALI, 4 cfu

Architettura, arte e spazio pubblico, 4 cfu, L-ART/03

Tecniche di rilievo e modellazione 3D per l'architettura, 4 cfu, ICAR/06

+ Elective teachings can be borrowed from the Master Course in Sustainable Architecture and Landscape Design:

Sviluppo imprenditoriale e politiche territoriali, SECS-P/06 BIM applications, ICAR/17 Topics in Landscape Architecture History and Theory, ICAR 18 Creativity and Architecture in the Movies, L-ART/06 Resilient Strategies in risk situations, ICAR/15 Architecture for Smart City, ICAR/10

INTERNSHIP, 4 credits FINAL EXAM, 4 credits

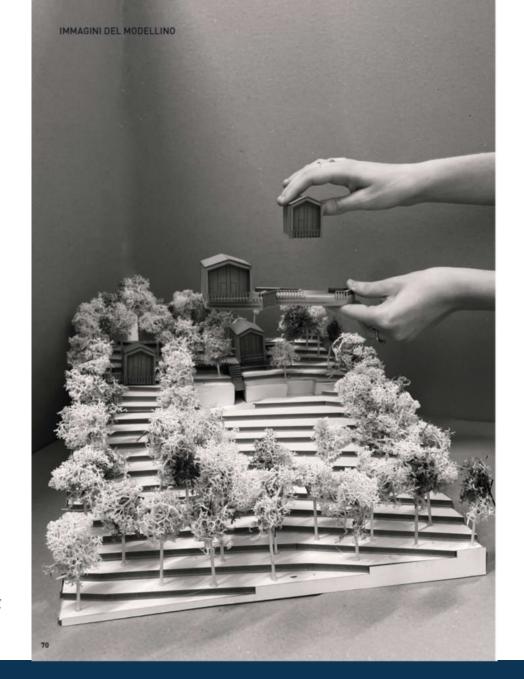
The Internship and the Final Exam complete the third year course.

The internship is an experience that allows the student to acquire a first direct knowledge of the professional world, which is therefore useful to guide him in a more informed choice of his own training and professional paths.

Internship is an experience generally carried out outside the university; however, the option of an "internal" internship that takes place within schools and / or departments is also contemplated, with the aim of allowing the student a closer observation of the world of university research.

The Thesis focuses on the in-depth study of an architectural theme inherent to the disciplines of the three-year period, which shows preparation and ability to study, critical awareness of the links between the disciplines considered, competence in the use of language and forms of architecture. The *Thesis* can be of two types: *Critical Essay* and *Thematic Portfolio*.

- _ the *Critical Essay* is written with the support of a supervisor identified by the student among the teachers of the degree course, and can be carried out individually or by a students' team of maximum two undergraduates.
- _ the *Thematic Portfolio* is produced individually and independently by the student, without a supervisor.



LA COSTRUZIONE DEL MODELLO

RUOLO DEL MODELLO NELLA PROGETTAZIONE



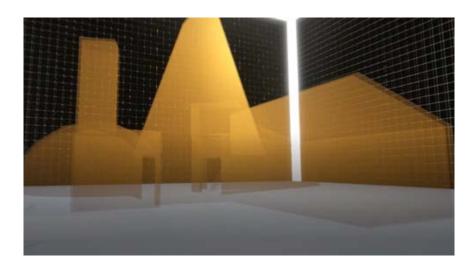


LA COSTRUZIONE DEL MODELLO

RUOLO DEL MODELLO NELLA PROGETTAZIONE

PURSUING INNOVATION digi skills

Starting from 2020/2021 a new course is offered, called «digi skills», to the students of the second year, dedicated to digital graphics literacy and focusing on the three-dimensional modeling of the architectural speces



Winton Guest Hous (F. O. Gerhry): a digital re-interpretation

Space representation in digital environment (4 cfu)

DIGI SKILLS: SPACE REPRESENTATION IN DIGITAL ENVIRONMENT



The DigiSkills Program: project model process. The diagram on the left shows the operational phases and the software tools necessary for the implementation of the final architectural model, which in the exploded perspective view on the right appears inserted in the urban context of the project.

In line with the UIA / Unesco recommendation for Schools of Architecture (Tokyo 2011), the Digi Skills program intends to offer adequate foundations in the field of 3D digital modeling, including the main links with parametric modeling and BIM, through field testing of an approach based on the integration of various software platforms, with the aim of experimenting, in teaching, the "digital fluency "necessary to face the main operational phases that characterize the professional routines of architectural design, from concept to executive project, with targeted insights on "acquisition and management of 3D data, on visual, graphic and physical prototyping using 3D printing, to complete the process.

The website of the Bachelor Degree Program - home



http://www.progettazionedellarchitettura.polimi.it/en

The Role of Students

THE ROLE OF STUDENTS AND THEIR REPRESENTATIVES



GLI ORGANI DI ATENEO: COMPOSIZIONE E IL RUOLO DELLA RAPPRESENTANZA STUD

ORGANI CENTRALI

SENATO ACCADEMICO CONSIGLIO DI AMMINISTRAZIONE **** 11 COMPONENTI 23 COMPONENTI d everywhere he incomes BERTHESSHALL INS. PERSONALS A RAPPRESSIONAL SPECIA STATEMENT. PROPERTY OF STREET RUOLO: RUOLO: a Situate's Winded Law Recognisiacalini dotu natriatro 2004. TRANSPIRATE.

Students have the right to participate in the life and governance of the University, through their Representatives they are asked to express their opinion on the University management hodies.

Student Representatives are elected directly by vou.

The elections are held every 2 years and are a real opportunity to make students voices heard.

Student Representatives are the simplest and most effective means of getting students' proposals and requests on basic subjects, such as teaching and services for students, to the appropriate locations.

I vostri rappresentanti del Corso di Studi



Diane-Sophie Capelle



Shreshtha Choudrhury
@shreshtha.lol



Carlo Maria Gagliardi
@ilcarlettofotografoditurno



Pier Giuseppe Ingegnoli @eppe.inge



Luca Lombardi @lucalombardi02



Andrea Pedemonte Frascaroli Calvino @and.pede



Giovanni Sironi @s.hero_



Bianca Sellaroli @sellarolibiancaa



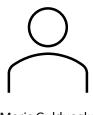
Jemma Airoldi @jemmaairoldi_



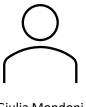
Elena Surovet @ma.trijoshka

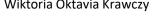












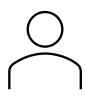
Meric Gulduoglu

Maribel lacovone

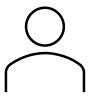
Giulia Mondoni



Silvia Panicucci



Virginia Quadri



Benedetta Tei

Le liste di rappresentanza studentesca



INSTAGRAM : @poli_listaperta FACEBOOK: Lista Aperta Polimi



INSTAGRAM: @svoltastudenti

FACEBOOK: Svoltastudenti- La Students'

Union del Polimi



INSTAGRAM:

@studenti.indipendenti.polimi FACEBOOK: Studenti Indipendenti

Politecnico



INSTAGRAM: @la_terna_sinistrorsa FACEBOOK: La Terna Sinistrorsa

Altre associazioni del Politecnico di Milano

- AIM Associazione degli Ingegneri Matematici
- ASM Associazione Studenti Musulmani Politecnico di Milano
- B.E.S.T. Board of European Students of Technology
- BEA Biomedical Engineering Association
- Cattolici Popolari
- Comitato Internazionalista del Politecnico
- E.S.N. Erasmus Student Network
- JEMP Junior Enterprise Milano Politecnico
- MESA Milan Engineering Student Association
- Poliedro
- Poliradio
- Polifonia
- Poliran
- POul Politecnico Open unix Labs
- Resilient G.A.P.
- Scacchi Polimi
- SITPolimi
- Skyward Experimental Rocketry
- Starting Finance Club Polimi
- Teatro delle Biglie
- WoShou Chinese Italian Polimi Students Association

Joint Commitee Student-Professors Scuola AUIC

Student-Professor Joint Committee

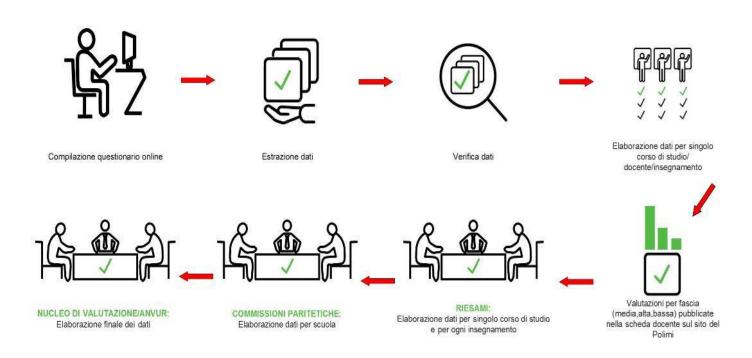
• It is made up of **5 Teachers**, and **5 Students** elected.

Its task consists of:

- monitoraring the educational programme, the quality of the teaching activities, and the student services;
- finding indicators for the evaluation of monitoring results;
- elaborating proposals, to be addressed to the Dean and to the Evaluation Center, for the improvement of the Degree Programmes;
- taking advantages of the opinions and gathering suggestions from the Sudents representative of the various Degree Programs of the School.

The Joint Commette activities: Student's feedbacks on teaching

IL QUESTIONARIO E' ANONIMO



OPINIONS OF THE STUDENTS REGARDING THE TEACHINGS

The survey of student's opinions is one of the main tools for monitoring the Quality of University Didactics:



An ANONYMOUS but MANDATORY online questionnaire

for enrollment in exams, for each course that the student is enrolled in.

By completing the questionnaire, students actively participate in the process of growth and consolidation.

The questions concern:

- teaching
- the teachers
- the supplementary teaching activities
- the infrastructures



Precisely because we value opinions, students are invited to:

- Pay particular attention to the compilation,
- Give informed and consistent answers to the questions,
- Provide proactive and constructive comments in free spaces.

OPINIONS OF STUDENTS ENROLLED IN THE LAST YEAR

In the last year of the Study Program, students' opinions are collected regarding the whole training path

Mandatory questionnaire for enrolment in the Laurea/Laurea Magistrale.

Topics investigated:

Organization of teaching, specific contents, infrastructures, library, internships, international mobility, final exam.

The AUIC School on te web http://www.auic.polimi.it

THE STUDENT DEFENDER

The Student Defender is the person to whom the students can address and report inappropriate behavior.

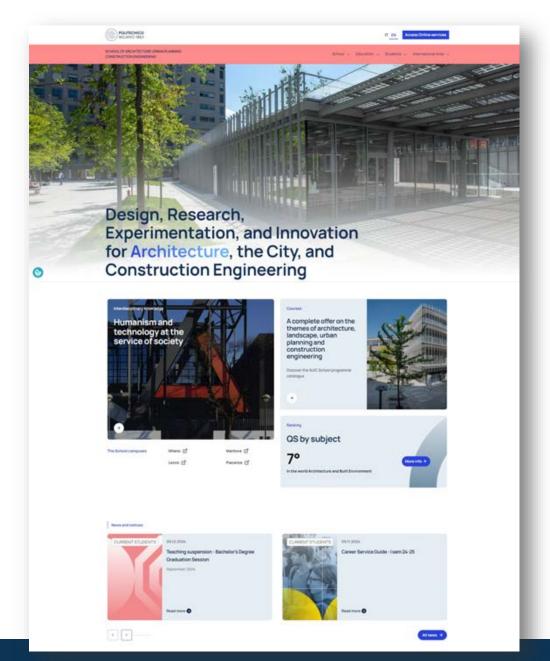
The Defender intervenes as a result of a complaint, non-anonymous, and is on the student's side at the moment of referring him/her for an important report. The Defender and the University commit themselves to the student's side so that the student is guaranteed every defense.

The Defender in charge for the academic year in progress is **Prof. Maria Vittoria Diamanti** of the Department of CHIMICA, MATERIALI E INGEGNERIA CHIMICA "GIULIO NATTA», in Milan.

It is possible to contact Prof. Diamanti: by presence in her office, by post with a non-anonymous letter, by a non-anonymous email, and by telephone.

Her telephone number is 02.2399.3137

Her email is: difensoredeglistudenti@polimi.it



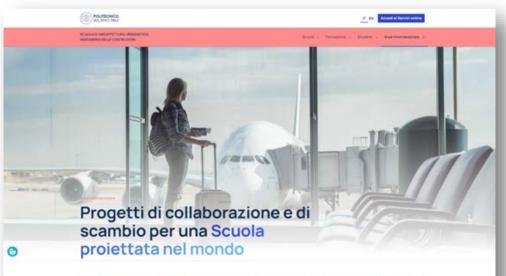
Home - Auic (nolimi it)

EXCHANGE PROGRAMS

Il Politecnico di Milano offre agli studenti l'opportunità di partecipare a progetti internazionali di qualità, basati su programmi comuni e accordi stipulati con numerose istituzioni partner (Programma Erasmus – Accordi Bilaterali Extra UE).

La Scuola promuove attività di mobilità breve per studio e Doppia Laurea con 350 tra i più accreditati Atenei internazionali.

- 2 bandi : Novembre/Dicembre e Aprile/Maggio (per aa 25/26)
- Sul sito AUIC trovate video e cartoline e registrazioni di presentazioni di accordi con università partner.







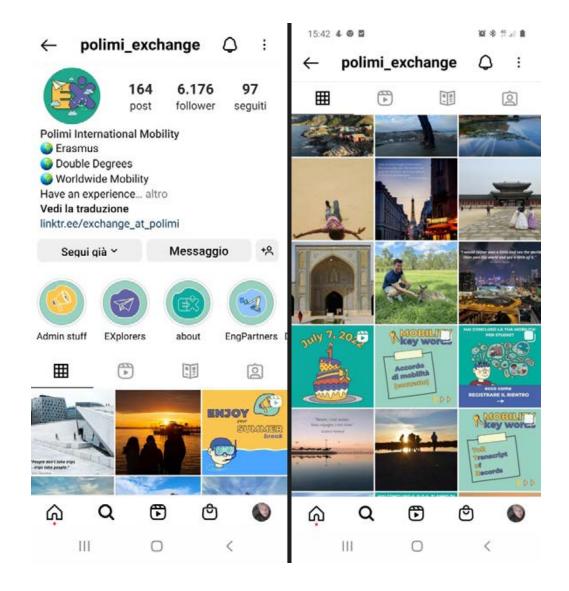








Area Internazionale
Auic (polimi it)



AUIC School An «extended» educational experience

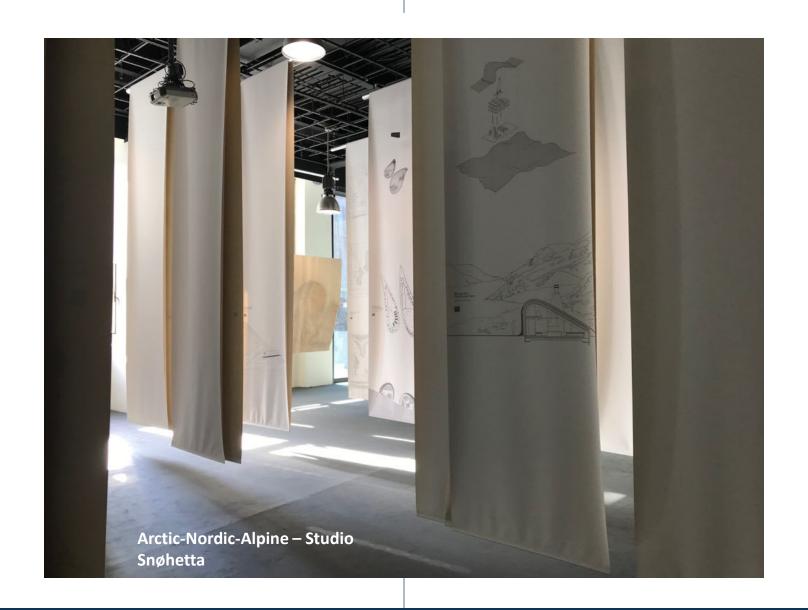
 MOSTRE NELLA GALLERIA DEL PROGETTO



Inujima: Architecture becomes

Environment





- MOSTRE NELLA GALLERIA DEL PROGETTO
- SEMINARI E LEZIONI
- ARCH WEEK



Tadao Ando, lecture in the Patio

LANDSCAPE
ARCHITECTURE
absorber @ AUC

ARCHILECTURE PRESENTS

Christian Nolf

Discussant: Chiara Geroldi (DAStU)



The lecture will present recent research projects in Flanders (Belgium) and the Yangtze River Delta (China), it will illustrate how a combination of historical analysis, interpretative mapping and research-through-design across scales helps address urgent water management issues in deltack megacities.

ONLINE OPEN LECTURE
Room III.A, Building 11 - Architettura
Cisco Webex LINK

May 5th



SCUOLA DI ARCHITETTURA URBANISTICA INGEGNERIA DELLE COSTRUZIONI



ARCHILECTURE PRESENTS

Dimitra Kanellopoulou

Discussant: Carolina Pacchi (DAStU)



By the 1950s, Dimitri Pikionis, an architect and painter with studies at Munich, was missioned to design a new pedestrian access to the Acropolis Hill. The pioneering work of Pikionis, celebrated by Kenneth Frampton and numerous publications worldwide, would be one of the most important projects on public space and landscaping design in Greece. The lecture retraces the political and historical context that gave birth to the project and explores the plural vocabulary that Pikionis proposes in order to introduce a new form of a dialogue between the topos(place) and the experience of the Mediterranean landscape.

ONLINE OPEN LECTURE
Room B, Building 11 - Architettura
Cisco Webex LINK

May 20th



SCUOLA DI ARCHITETTURA URBANISTICA INGEGNERIA DELLE COSTRUZIONI



URBAN PLANNING AND POLICY DESIGN



 Milano Arch Week takes place in spring with several conferences and debates involving worldclass architects and designers



• The Milano Arch Week also takes place in the building and gardens of the Triennale di Milano

- MOSTRE NELLA GALLERIA DEL PROGETTO
- SEMINARI E LEZIONI
- ARCH WEEK
- CONCORSI
- PASSION IN ACTION

- VIAGGI DI STUDIO
- VISITA ALLA BIENNALE VENEZIA

BIENNALE VENEZIA



- MOSTRE NELLA GALLERIA DEL PROGETTO
- SEMINARI E LEZIONI
- ARCH WEEK
- CONCORSI
- PASSION IN ACTION

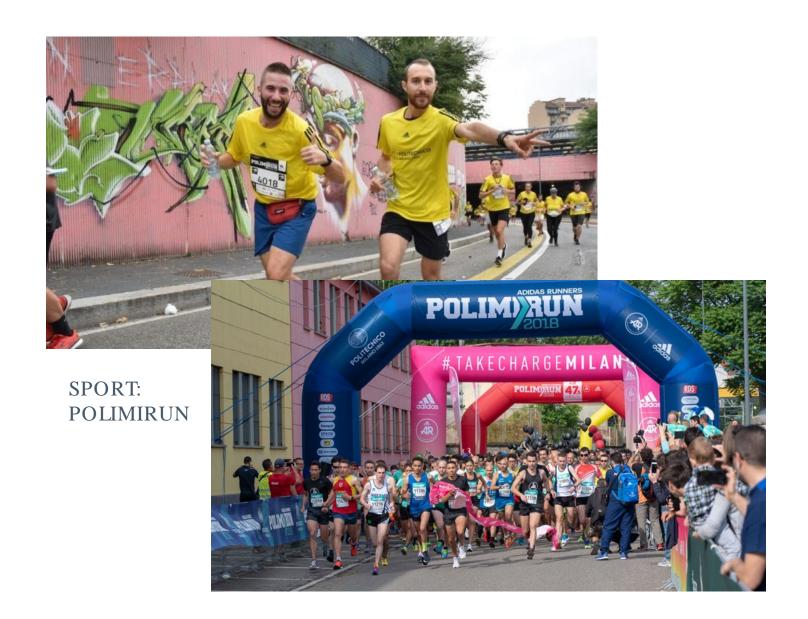
- VIAGGI DI STUDIO
- VISITA ALLA BIENNALE VENEZIA
- CULTURA E SPORT



CULTURE

Free, and for all. With a dense network of relationships and strategic partnerships with national and international bodies and institutions, the University is a catalyst for culture. There are cycles of events, from science to technology, from architecture to design, from art to publishing.

Every year the Politecnico di Milano opens its doors to around 100,000 external visitors, who are attracted by a rich programme schedule that runs throughout the year. There are free initiatives, open to the city and able to transform **the Politecnico into an increasingly lively and "shared" place.**



Extracurricular Activities at Piacenza Campus











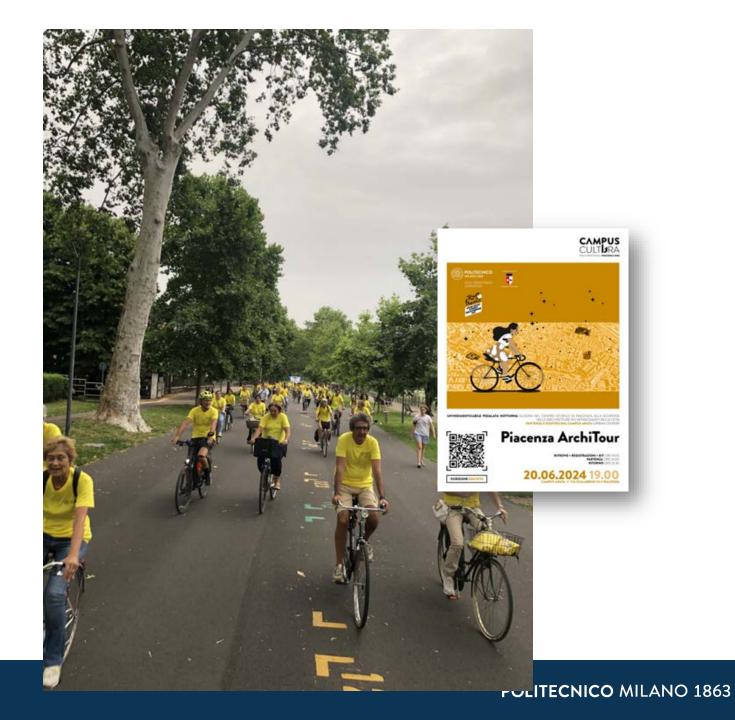




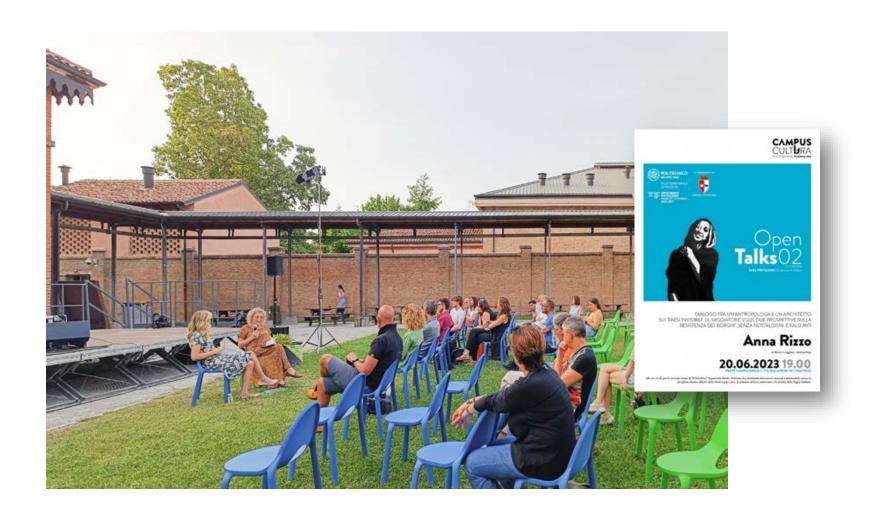












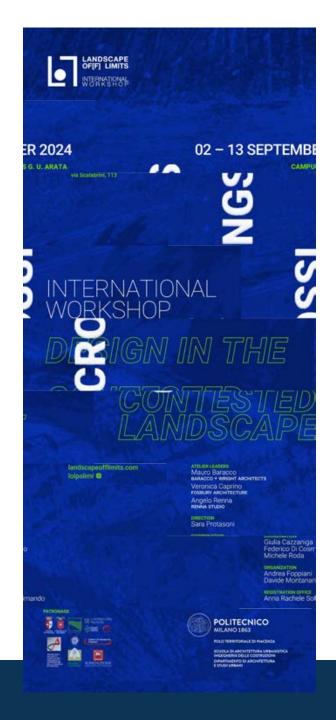








LOLInternational Workshop [summer school]





PO RIVER REGAINED

Atelier:

Navarra, Morabito, Molfetta + Strode



Edition 2022 RETHINKING VIA EMILIA

Atelier:

Nader, Morabito, Campos Costa, Contin + UN-Habitat MetroHUB



Edition 2021 PIACENZA POST-COVID

Atelier:

Campos Costa, Nader, Malfona



Edition 2023 MOVING WATERS

Atelier:

Boutin, Garcia, Gomez Diaz



















AUIC School Students support

WHOM TO CONTACT

QUESTIONS RELATED TO TEACHING

- Professors
- **Student Representatives**
- **Course Coordinator**
- Professor-Student Joint Committee
- Dean
- Student Defender

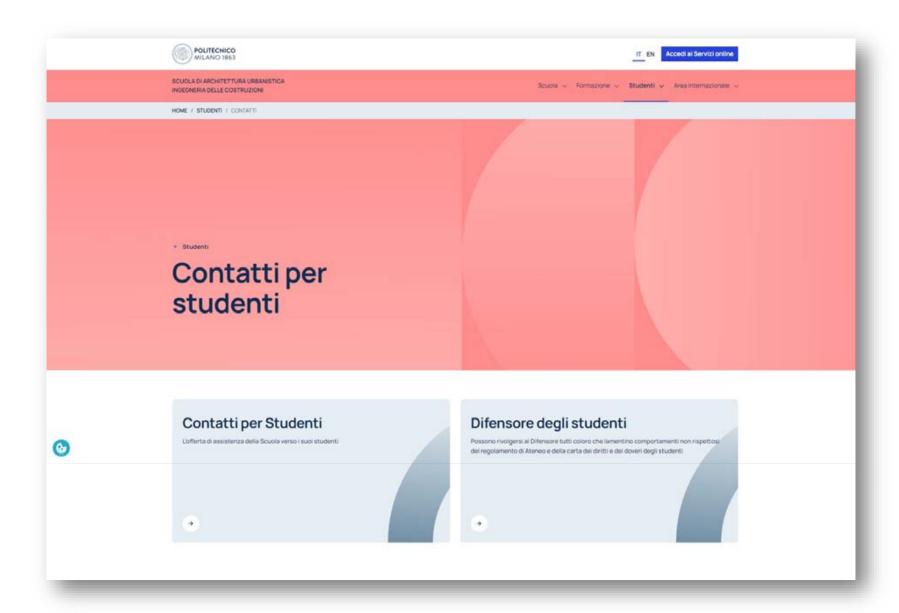
ADMINISTRATIVE QUESTIONS

Student Secretary (front desks, appointment, chat, chatbot, e-mail www.polimi.it/studenti-iscritti/contatti)

ORGANIZATIONAL QUESTIONS AND STUDY PLANS

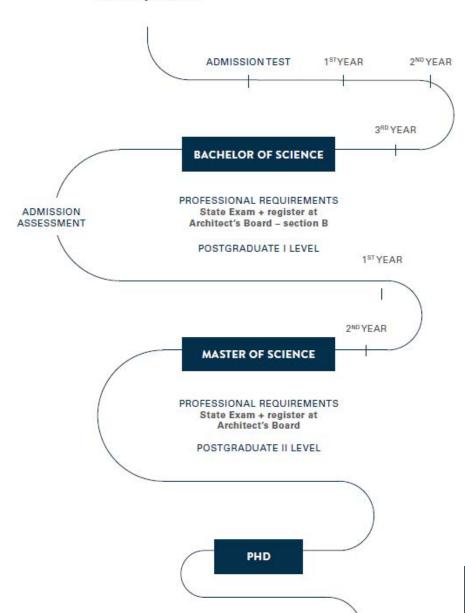
School Secretary (front desks, appointment, chat, trouble ticket)





The University System Credits and Teaching

Course of studies



Professional practice examination + registration at the Board of Engineers, section B, Environmental and Civil sector

Professional practice examination + registration at the Board of Engineers, section A, Environmental and Civil sector

CREDITS AND TEACHINGS

LAUREA

Equivalent

BACHELOR OF SCIENCE

The BSc programme is awarded after three years of study (180 ECTS) and aims to provide advanced training in more highly specialized areas.

The ECTS credit system represents the workload of the academic year of study:

- 30 CREDITS PER SEMESTER
- 60 CREDITS PER ACADEMIC YEAR

TYPES OF TEACHINGS

LABORATORY / DESIGN STUDIO

 Project courses - students are allocated based on merits- 70% attendance is compulsory

MONODISCIPLINARY & INTEGRATIVE COURSES

Project and Theory courses

ELECTIVE COURSES – WORKSHOP (no mark registered in career)

Interdisciplinary courses, available to all the students

INTERNSHIP 3/4 ECTS

Professional experience in the 2nd or 3rdyear in a company or in an academic department

EXAMS & GRADING SYSTEM

- The criteria for assessing the student's performance are communicated by the professors at the beginning of the didactic activities and they can include possible obligations to attend courses (lectures, exercises and/or studios) and possible ongoing tests.
- The start and end dates of exam sessions are shown on the academic calendar.
- an exam session at the end of the 1st semester (January/February)
- an exam session at the end of the 2nd semester (June/July/September)
- a special exam session in November for students who are about to graduate.

- Exams are graded using a scale of 30, where 18 is the minimum passing grade and 30 cum laude the highest. The student can be POSTPONED (RM) to the next exam date or must SIT AGAIN (RP), as to say the student is postponed to a next exam session.
- The results of exams are available on the Online Services.
- Students have the possibility to refuse the final mark and resit the exam.
- You will receive an email with the deadline for this kind of requests; after that, the evaluation will be registered, and you will not be able to repeat the exam. The registered evaluations and those waiting for registration can be seen through the Online Services.

EXAMS REGISTRATION

Students must register within the deadlines provided through the Online Services. You can register to an exam only if:

- you paid all university tuition fees
- that course is included in your Study Plan
- you passed all propaedeutic exams related to the one to which you want to be registered
- you attended the course, in case the attendance is compulsory

- you have filled in an ANONYMOUS but MANDATORY online questionnaire regarding the teaching and the teachers, for each course that you are enrolled in
- you may also register until midnight of the actual exam date. In this case, your registration will be accepted as conditional, and it will be up to the teacher's decision.





GRAZIE

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