



**Politecnico
di Torino**

ACADEMIC REGULATIONS
Bachelor's degree programme
in
TERRITORIAL, URBAN, ENVIRONMENTAL
AND LANDSCAPE PLANNING

Interuniversity Department of Regional and Urban Studies and Planning
Collegio di Pianificazione e Progettazione

Academic Year **2026/2027**

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Art. 1 - Specific learning objectives and career prospects

1.1 Specific Learning Objectives

The Bachelor's graduate in Planning is a professional trained to analyse, design, and manage the development of territories, cities, and communities in a sustainable, inclusive, and innovative way. They are capable of addressing complex challenges related to urbanization and climate change, urban regeneration, sustainable mobility, and resource management.

This professional can collaborate with other experts (architects, engineers, geologists, sociologists, historians, and public administrators) to develop solutions that integrate technical, regulatory, and socio-economic aspects, meeting the needs of public and private institutions, companies, and citizens. The graduate possesses a solid methodological and operational foundation, suitable both for immediate entry into the public and private workforce and for further studies at the Master's level.

The Planner's competencies enable them to perform the following functions: collaborate in drafting urban, territorial, environmental, landscape, or sectoral plans at various scales; contribute to the definition, implementation, and management of integrated programmes and projects for urban, territorial, and environmental transformation and regeneration; conduct analyses, assessments, and monitoring of territorial and environmental issues; design and manage Geographic Information Systems (GIS) essential for planning activities; assume responsibility for technical-administrative procedures within public administration in the field of city and territorial plans and programmes.

The Planner acts as a "territorial technician" who will work alongside diverse specialists and, therefore, requires a multidisciplinary education that allows them to combine theories, methodologies, and tools from multiple disciplines and understand the technical language of each field.

1.2 Career prospects

The Bachelor's degree programme aims to train a variety of professional profiles. The career prospects and main functions and competencies associated to each profile are illustrated below.

Professional Profile	Main functions and competencies
Collaborator in the production of urban, territorial, environmental, landscape, or sectoral plans at various scales	Functions: Collaborates in carrying out parts of the activities indicated, with particular attention to analytical tasks, without assuming overall responsibility for the production of the plan. Competencies: Uses knowledge of institutional and legislative frameworks, recognizes problems, and develops analyses of morphological-settlement, infrastructural, socio-economic, territorial, and statistical aspects aimed at drafting plans. Potential employers: Local authorities (municipalities, provinces, regions, national agencies), professional studios, engineering firms, or as a freelance professional ("junior planner").
Collaborator in the definition, implementation, and management of integrated programmes and projects for urban, territorial, and environmental transformation and regeneration	Functions: Carries out parts of the activities related to defining integrated programmes and performs accompanying and control functions in the implementation processes of such programmes. Competencies: Applies techniques for economic feasibility assessments and strategic and environmental evaluations; understands internal management procedures within public administration sectors; uses various methods and techniques of communication and interaction, including with non-experts. Potential employers: Local authorities (municipalities, provinces, regions), professional studios, associations involved in participatory activities in urban transformations, or as a freelance professional ("junior planner").

Collaborator in territorial and environmental analyses, assessments, and monitoring	Functions: Collaborates in the development of urban and territorial analyses and landscape-environmental assessments (Strategic Environmental Assessment – SEA, Environmental Impact Assessment – EIA). Competencies: Develops analyses and applies techniques for strategic environmental assessments and environmental impact assessments, based on knowledge of institutional and legislative frameworks. Potential employers: Local authorities (municipalities, provinces, regions), professional studios, engineering firms, or as a freelance professional (“junior planner”).
Designer and manager of information systems for urban and territorial analysis and management	Functions: Defines procedures, analyses and processes multi-sectoral georeferenced data, produces cartographic representations, and is responsible for the definition and management of Geographic Information Systems (GIS). Competencies: Relies on theoretical and practical knowledge in geomatics, territorial information systems, and cartography; advanced skills in GIS software for urban, territorial, landscape, and environmental analyses; understands internal management procedures within public administration sectors involved in defining and using territorial information systems. Potential employers: Primarily local authorities, service companies, and engineering firms.
Responsible for technical-administrative procedures in public administration	Functions: Evaluates the conditions for admissibility of city and territorial plans and programmes, carries out preparatory actions and technical assessments, and manages collaboration, communication, and interaction among stakeholders. Competencies: Requires solid knowledge of institutional and legislative frameworks, city and territorial governance tools, and administrative procedures and processes needed to produce these acts. Potential employers: Public authorities where this role is specifically required by law.
Preparation for further studies	Knowledge required for continuing studies
The knowledge acquired by the graduate is fully recognised for admission to the Master's degree programme in Urban and Territorial Planning and to the Interuniversity Master's Degree Programme in Landscape Architecture. The same knowledge, if supplemented by attendance of specific courses selected from the optional courses offered in the Bachelor's degree programme, also allows admission to the interuniversity Master's Degree Programmes in Digital Skills for Sustainable Societal Transitions, Geography and Territorial Sciences, and Environmental, Cultural and Territorial Economics, offered by Politecnico di Torino and University of Torino.	The knowledge acquired by the graduate constitutes a prerequisite for admission to the Master's Degree in Urban and Territorial Planning. Their foundational understanding of institutional and legislative frameworks, governance tools for cities and territories, techniques and instruments applicable to territorial, urban, and landscape planning processes, environmental assessment methods, and the use of GIS tools provides the basis for a two-year Master's programme. This programme expands and integrates these competencies with specialist skills, preparing graduates to exercise independent judgment and assume coordination and management roles in project activities. The same foundational training, when integrated with free elective credits from the Bachelor's Degree, also allows access to other interuniversity Master's Degree Programmes offered by the Politecnico di Torino and the University of Torino, in particular: the Master's Degree in Landscape Architecture, the Master's Degree in Digital Skills for Sustainable Societal Transitions, the Master's Degree in Geography and Territorial Sciences, and the Master's Degree in Environmental, Cultural and Territorial Economics.

1.3 Professional profiles (ISTAT codes)

With reference to the list of professional profiles classified by ISTAT (Italian National Institute of Statistics, <https://www.istat.it/en/>), a graduate from this Bachelor's degree programme can work as:

ISTAT code	Description
3.1.3.5.0	Tecnici delle costruzioni civili e professioni assimilate

Art. 2 - Admission requirements

To be admitted to this Bachelor's degree programme, applicants must hold a high school diploma (as required by current regulations) or an equivalent qualification obtained abroad, recognized as valid. Additionally, they must have or attain an appropriate level of initial background knowledge.

The number of admissible students is determined annually by the Governing Bodies of Politecnico based on locally programmed admissions, considering the available facilities and the student-to-faculty ratio.

The number of available places and admission procedures are specified in the official Call for applications for admissions published at <https://www.polito.it/en/education/applying-studying-graduating/admissions-and-enrolment/bachelor-s-degree-programmes/calls-for-application-regulations-and-ranking-lists>.

In particular, for enrolment in this Bachelor's degree programme, applicants must take an admission test (TIL-I), administered in different sessions according to a specific calendar published on the recruitment web pages.

The test is conducted using the technical equipment available in the computer laboratories of the University.

The minimum score required to be included in the ranking list is set at 30% of the total score. Applicants may take the TIL-I test up to a maximum of three times. In the event of multiple attempts, the highest score obtained by the applicant will be considered valid. The test consists of answering 42 questions in 1 hour and 30 minutes. These questions are divided into four sections covering four different subject areas: Mathematics, Reading Comprehension and Logical Reasoning, Physics, and Basic Technical Knowledge.

Applicants who score below 30% in the Mathematics section will have to fulfil some supplementary academic obligations (in Italian, Obblighi Formativi Aggiuntivi - OFA).

They will be invited to attend tutoring math classes during Year 1 and they must attend a supplementary course. This course, called C.I.A.O. - Corso Interattivo di Accompagnamento Online (Interactive Online Support Course), is normally offered in the week before the beginning of classes. It seeks to help applicants fill in the gaps in their Math knowledge through specific online tutoring sessions.

The OFA requirements will be considered fulfilled if, by the end of Year 1, at least one of the following conditions is met:

- students pass one of the two Mathematics exams of Year 1 (Mathematical Analysis I or Linear Algebra and Geometry);
- students pass the final test of the CIAO course by correctly answering at least 10 out of 15 questions. This test will be offered three times during the academic year.

Any exemptions from taking the admission test are specified in the Call for applications for admissions to the Bachelor's degree programmes of Politecnico di Torino.

Students with a non-Italian educational qualification who intend to enrol in the programme, which is delivered entirely in Italian, must hold, at the time of enrolment, a certificate of Italian language proficiency at level B2, as defined by the Common European Framework of Reference for Languages (CEFR).

For more information regarding the Call for applications, the number of admissions, the admission test registration and enrolment procedures, please visit <https://www.polito.it/en/education/applying-studying-graduating/admissions-and-enrolment/bachelor-s-degree-programmes/calls-for-application-regulations-and-ranking-lists>.

Art. 3 - Programme curriculum

3.1 Programme overview

The programme provides a foundational education in essential disciplinary fields, combined with experiences emphasizing “practical skills and problem-solving”. To this end, it is organised according to two teaching modalities:

- a) Teaching Units, which provide systematic foundational contributions, either mono- or multidisciplinary in nature.
- b) Units developed through multidisciplinary Ateliers. In the Ateliers, activities are carried out based on real territorial situations, allowing students to apply in an integrated manner the monodisciplinary knowledge acquired. Each Atelier is coordinated by a central disciplinary area relevant to its objectives, with contributions from other disciplines as well. Ateliers run over a semester and culminate in a single exam (with one final grade).

The interplay between the systematic knowledge provided in the teaching units and its application in the Ateliers is a distinctive feature of the programme's educational approach.

The curriculum is organised by semesters. The goal of the first two semesters is twofold: to help students understand that territory, cities, landscape, and the environment are complex phenomena resulting from diverse actions over time, to be studied through multiple disciplinary perspectives, and to provide them with initial analytical tools. Alongside a foundational knowledge of the evolution and history of urban thought, planning instruments, and the institutional system for territorial governance, students receive introductory instruction in mathematics, statistics, representation, and cartography. First-year learning is complemented by the practical experience of the Atelier, enabling students to apply their acquired knowledge of urbanism, history, and geography to the analysis and interpretation of settlement, landscape, and environmental characteristics of the territory.

Activities in the third and fourth semesters allow students to develop urban design skills (commensurate with the expected employment opportunities for Bachelor graduates) and knowledge in territorial planning and its practices. In addition, instrumental knowledge is further enhanced with studies in sociology, economic and urban geography, and techniques and methods for spatial analysis using GIS (Geographic Information Systems). Urban design skills and knowledge of territorial planning practices are developed through two interdisciplinary Atelier experiences: the first focuses on urban design, with disciplinary contributions in urban morphology analysis; the second addresses large-area planning, incorporating landscape design and hydrogeology contributions. These experiences are complemented by a course providing foundational knowledge on energy efficiency in settlements and their environmental impact, as well as a course on environmental assessment.

The fifth and sixth semesters enable students to understand the complexity of implementation processes and acquire the necessary skills in this area. The multidisciplinary Atelier on urban regeneration and local development is complemented by courses aimed at developing evaluative skills in economic feasibility, and knowledge and abilities in mobility and transport planning. Finally, in the last semester, students consolidate and deepen their understanding of planning and urbanism trends over recent decades, while engaging in practical work experience (through an internship) to develop independent skills in analysis and production, culminating in the final graduation project.

3.2 Organization of educational activities

The list of courses (compulsory and optional), curricula, possible organization of courses into modules, any pre-requisites and exclusions and the list of the faculty members responsible for the courses are available at: https://didattica.polito.it/pls/portal30/sviluppo.offerta_formativa_2019.vis?p_coorte=2027&p_sdu=82&p_cds=574

The list of the Scientific Disciplinary Fields (Settori Scientifico Disciplinari) for each activity (specific subjects and complementary subjects) is available in Annex 1 to the present Regulations.

Art. 4 - Student career

The Student Guide is published on the Teaching Portal every year before the beginning of the academic year. There is a specific Student Guide for each Bachelor's degree programme. The Student Guide is available on the [web site](#) of the degree programme.

It contains information and deadlines on:

- academic calendar;
- supplementary academic obligations (Obblighi Formativi Aggiuntivi - OFA);
- Personal Study Plan and Annual Personal Study Plan;
- free choice credits;
- internships;
- tuition fees;
- dual career;
- classes and exams;
- class delivery;
- foreign language learning;
- studying abroad/mobility programmes;
- exam rules;
- transfers in/out and internal transfers;
- interruption, suspension, withdrawal, forfeiture;
- credit transfer.

Art. 5 – Final Examination

The final examination consists of preparing a written report (Final Project) on a topic coherent with the objectives of the Bachelor's programme.

It represents an individual educational opportunity in which the student is required to carry out an activity that allows them to apply the knowledge and competencies acquired during the Bachelor's degree and to demonstrate the ability to independently organise a process of elaboration and production; it does not require particular originality.

The Final Project consists of a report that explores a disciplinary theme selected based on the internship experience, which is mandatory. The student prepares the Final Project under the guidance of a supervising lecturer and presents it to a committee for discussion.

The Final Project is worth 6 ECTS, corresponding to an overall workload of approximately 150 hours. The content of the Final Project should include:

- the chosen topic and the reasons for the choice;
- the development of the topic, exploring aspects that relate to technical, disciplinary, and applied knowledge covered during the Bachelor's programme, or significant case studies;
- relevant sources and bibliography.

The Final Project may optionally be prepared and presented in English.

Students must submit their request online through a dedicated procedure available on their personal page on the educational portal in the section entitled "Graduation and Final Exam", respecting the deadlines for the intended session published in the Student Guide – Thematic Calendar Section.

At the conclusion of the work, the tutor's approval, together with the successful completion of all exams and the mandatory internship (for a total of 174 ECTS), will allow the student to participate in the final examination, at the end of which the graduation commencement ceremony will take place.

The final project tutor is a tenured lecturer or researcher at the University, or an external lecturer with a teaching assignment, as defined by the Student Regulations (Art. 11 – Rules for the Final Exam). If the tutor does not belong to the Collegio di Pianificazione e Progettazione, they must be assisted by a co-tutor chosen from the tenured lecturers and researchers of that Collegio.

The final grade is determined by the Graduation Examining Committee, which evaluates the overall average grade of the exams on a scale of 110. To this average, the committee may normally add up to 5 additional points, based on:

- the evaluation of the Final Project;
- the time to graduation;
- other information about the student's course of study (for instance, the number of exams passed with honours, experiences abroad, extra-curricular activities, etc.).

Honours (*cum laude*) may be awarded upon achieving a score of 110, at the discretion of the committee and with a qualified majority, i.e., at least 2/3 of the committee members.

More Information and Deadlines:

- Student Regulations
- Student Guide

Diploma Supplement:

In compliance with article 11, paragraph 8, of Ministerial Decrees No. 509/1999 and 270/2004. Politecnico di Torino issues the Diploma Supplement, a document that can be attached to a higher education qualification. It is designed to improve the transparency of international qualifications, as it provides the description of the curriculum successfully completed by the student. This certificate follows the European model developed by the European Commission, the Council of Europe and UNESCO – CEPES: it is issued in two languages (Italian-English) and it is composed of approximately 10 pages.

More information at: <https://www.polito.it/en/education/applying-studying-graduating/academic-experience/certificates-and-other-documents>

Art. 6 - References

6.1 Student Regulations

The [Student Regulations](#) define the rights and responsibilities of students and set out the administrative and disciplinary rules that all students enrolled in a degree programme or in a single learning activity at Politecnico must abide by.

6.2 Other Regulations

Particular aspects of students' academic progress are governed by specific Regulations or Calls for Applications published on its website.

In particular:

- The [Tuition Fee Regulations](#) specify the annual tuition fees that students must pay. The procedure for requesting a tuition fee reduction is explained in a dedicated guide.
- The University Regulations on Funds for Student Mobility Abroad outline the principles and rules for awarding and disbursing mobility grants. Standard procedures apply to all types of mobility programmes with unified Calls for Applications published twice a year at <https://www.polito.it/en/education/applying-studying-graduating/studying-abroad>
- The [Code of Ethical Conduct](#) also applies to students.

Annex 1 – Tabella delle Attività Formative

Attività	Ambito Disciplinare	Settore	SSD corrisp	cfu	
				min	max
Attività di base	Discipline agrarie, ecologiche, geografiche e geologiche	BIOS-01/C - Botanica ambientale e applicata BIOS-05/A - Ecologia GEOG-01/A - Geografia GEOG-01/B - Geografia economico-politica GEO5-03/A - Geografia fisica e geomorfologia	BIO/03 BIO/07 M-GGR/01 M-GGR/02 GEO/04	12	18
	Discipline della rappresentazione	CEAR-04/A - Geomatica CEAR-10/A - Disegno	ICAR/06 ICAR/17	10	16
	Discipline matematiche, fisiche, informatiche e statistiche	IINF-05/A - Sistemi di elaborazione delle informazioni MATH-02/B - Geometria MATH-03/A - Analisi matematica MATH-03/B - Probabilità e statistica matematica STAT-01/A - Statistica	ING-INF/05 MAT/03 MAT/05 MAT/06 SECS-5/01	8	16
Attività caratterizzanti	Discipline architettoniche	CEAR-08/C - Progettazione tecnologica e ambientale dell'architettura CEAR-09/A - Composizione architettonica e urbana CEAR-09/B - Architettura del paesaggio CEAR-11/A - Storia dell'architettura	ICAR/12 ICAR/14 ICAR/15 ICAR/18	12	24
	Discipline del diritto, dell'economia e della sociologia	ECON-04/A - Economia applicata GIUR-06/A - Diritto amministrativo e pubblico GIUR-10/A - Diritto dell'unione europea GSP5-08/B - Sociologia dell'ambiente e del territorio	SECS-P/06 IUS/10 IUS/14 SP5/10	6	12
	Discipline dell'assetto del suolo e dell'ingegneria	AGRI-04/A - Idraulica agraria e sistemazioni idraulico-forestali CEAR-01/B - Costruzioni idrauliche e marittime e idrologia CEAR-02/A - Ingegneria sanitaria-ambientale CEAR-03/A - Strade, ferrovie e aeroporti CEAR-03/B - Trasporti CEAR-03/C - Estimo e valutazione GEO5-03/B - Geologia applicata	AGR/08 ICAR/02 ICAR/03 ICAR/04 ICAR/05 ICAR/22 GEO/05	8	16
	Discipline urbanistiche	CEAR-12/A - Tecnica e pianificazione urbanistica CEAR-12/B - Urbanistica	ICAR/20 ICAR/21	30	60
Attività affini	Attività formative affini o integrative	CEAR-01/A - Idraulica CEAR-08/C - Progettazione tecnologica e ambientale dell'architettura CEAR-09/A - Composizione architettonica e urbana CEAR-09/B - Architettura del paesaggio CEAR-11/A - Storia dell'architettura GEOG-01/B - Geografia economico-politica GEO5-03/B - Geologia applicata HIST-03/A - Storia contemporanea IIND-07/B - Fisica tecnica ambientale MATH-04/A - Fisica matematica STAT-01/B - Statistica per la ricerca sperimentale e tecnologica	ICAR/01 ICAR/12 ICAR/14 ICAR/15 ICAR/18 M-GGR/02 GEO/05 M-STO/04 ING-IND/11 MAT/07 SECS-5/02	18	28
Altre attività	A scelta dello studente	-		12	12
	Per la conoscenza di almeno una lingua straniera	-		3	3
	Per la prova finale	-		5	9
	Abilità informatiche e telematiche	-		-	-
	Altre conoscenze utili per l'inserimento nel mondo del lavoro	-		-	-
	Tirocini formativi e di orientamento	-		6	8
	Ulteriori conoscenze linguistiche	-		-	-
	Per stages e tirocini presso imprese, enti pubblici o privati, ordini professionali	-		-	-