



PROFESSIONAL MASTER'S PROGRAMME DATA SHEET

Title	Sustainable and integrated mobility in urban regions - Mobilità integrata e sostenibile nelle aree urbane	
Disciplinary area	Science and Technology	
Level	2nd level	
Director	Prof. Andrea Simone	
Closing date for applications (to register for selection)	18-11-2024	
Selection method	<p>Selection based on qualifications and interview</p> <p>The maximum score assignable by the Evaluation Committee is 100 points, of which 60 points are awarded based on the assessment of qualifications and the remaining 40 points are awarded based on the evaluation of the interview. The minimum score required to achieve eligibility is set at 70 out of 100 points.</p> <p>In the event of a tie, priority shall be given to the candidate who has obtained the highest score in the qualifications assessment and, in the case of a further tie, to the candidate who is younger in age.</p>	
Selection date	26-11-2024	
Ranking list publication date	04-12-2024	The ranking lists may be viewed on Studenti Online using your username and password
Enrolment period	From 04-12-2024 to 18-12-2024	
Available places	Minimum 11 and maximum 36	
Fees	<p>Selection procedure participation fee: € 60,00 (non-refundable fee for administrative services, Art. 1 of the Call for Applications)</p> <p>Total fee 3.000,00 (three thousand) Euro: first instalment 1.500,00 (one thousand five hundred) Euro (to be paid by 18/12/2024); second instalment 1.500,00 (one thousand five hundred) Euro (to be paid by 31/03/2025)</p>	
Places reserved for professional staff and foreign language instructors of the University of Bologna (part time Professional Master's Programmes only)	<p>On part time Professional Master's Programmes only, two places in excess of the maximum number are reserved for professional staff and foreign language instructors of the University of Bologna. Such students will be exempted from paying tuition fees, net of any fixed costs. Preferably before registering for selection, please complete the form available on the intranet page Measures for participation of professional staff and foreign language instructors in postgraduate programmes recognised by the University of</p>	



	<p>Bologna. APOS will inform the applicants directly of the outcome of their request.</p> <p>For further information, please contact apos.master-ta@unibo.it</p>
Administrative office	Bologna
Place of teaching	Imola
Language	Italian/English
Duration	1 year
University educational credits (CFUs)	60
Mandatory attendance	70%
Teaching mode	Blended (both in person and remote)
Internship or project work and final examination	500 hours and 20 CFU credits dedicated to the internship (project work with a final report on the activities carried out at the institution/company). Final exam consisting of a presentation of the internship activities through a written paper.
<p>Professional Master's Programme description:</p> <p>outcomes/targets</p>	<p>Pursuant to Decree no. 270 of 22 October 2004 of the Ministry of Education, University and Research, for academic year 2024/2025, Alma Mater Studiorum – Università di Bologna, Administrative office of Bologna, will run a 2° level Professional Master's Programme in "Sustainable and integrated mobility in urban regions - Mobilità integrata e sostenibile nelle aree urbane".</p> <p>The Professional Master's Programme has been set up on the proposal of the Department of Civil, Chemical, Environmental, and Materials Engineering.</p> <p>The Professional Master's Programme aims to train specialized professionals in the design and management of urban and regional mobility. Currently, issues related to sustainable mobility, new mobility services (Bike-share, Car-share, Car-pool, Ride-hail, On-demand bus services), their integration with public and private transport systems, and the use of "big data" for the design, monitoring, and assessment of transport demand and supply are significantly expanding in Italy, Europe, and worldwide.</p> <p>The Master's program aligns with the measures aimed at achieving United Nations SDG 11: "Sustainable Cities and Communities." It</p>



	<p>aims to provide knowledge related to the sustainable and integrated design of urban mobility, with the following objectives:</p> <ul style="list-style-type: none">• Develop a Sustainable Urban Mobility Plan;• Assess, design, and improve urban accessibility;• Serve as a "Mobility Manager" in companies, organizations, and consortia;• Design transport infrastructures using green and eco-compatible materials to promote recycling in line with Minimum Environmental Criteria (CAM);• Design and monitor intermodal hubs;• Analyse and improve road safety in urban areas;• Design innovative "cycling paths and greenways";• Conduct analyses of sustainable mobility services;• Introduce innovative systems into urban mobility.
<p>Qualifications required for admission</p>	<p>The course is reserved for candidates who, by the enrolment deadline, hold the following qualifications and meet the following admission requirements:</p> <ul style="list-style-type: none">• Master's degrees and single-cycle Master's degrees obtained under DM 270/04 (or second-cycle or single-cycle degrees obtained under previous regulations DM 509/99 and Old Regulations) in the following disciplinary fields/degree classes: LM 23 (Master's Degrees in Civil Engineering), LM 24 (Master's Degrees in Engineering of Building Processes and Systems), LM 31 (Master's Degrees in Management Engineering), LM 32 (Master's Degrees in Computer Engineering), LM 33 (Master's Degrees in Mechanical Engineering), LM 04 (Master's Degrees in Architecture and Architectural engineering), LM 69 (Master's Degrees in Agricultural Sciences and Technologies), LM 35 (Master's Degrees in Environmental Engineering), LM 73 (Master's Degrees in Planning and Management of Forest Territory, Landscape and Environment), LM 75 (Master's Degrees in Science and Technologies for Environmental Sustainability), LM 80 (Master's Degrees in Geography and Territorial Processes);• Master's degrees obtained abroad in the aforementioned disciplinary fields, deemed valid for admission to the Master's program; <p>Based on a positive assessment by the Evaluation Committee, candidates holding other degrees in engineering or scientific fields may also be admitted to the selection process, provided they have a curriculum vitae demonstrating qualified expertise in the subjects covered by the Master's program.</p>



<p>Course structure diagram</p>	<p>Air Transport – ICAR/04 – Valeria Vignali</p> <p>Logistics and Intermodality – ICAR/05 – Giuseppe Luppino</p> <p>Electric Vehicles – ING-IND/32 – Claudio Rossi</p> <p>Urban Public Transport – ICAR/05 – Andrea Bottazzi</p> <p>Rail Transport – ICAR/04 – Andrea Simone</p> <p>Circular Economy in Construction – AGR/10 – Alberto Barbaresi</p> <p>BIM Design of Infrastructures – ICAR/17 – Giacomo Bergonzoni</p> <p>Mobility Services and MAAS – ICAR/05 – Tommaso Bonino</p> <p>Innovative Vehicles and Materials – ING-IND/08 – Lorella Ceschini</p> <p>Vulnerable Users and Soft Mobility – ICAR/04 – Claudio Lantieri</p> <p>Mobility Planning – ICAR/05 – Andrea Normanno</p> <p>Smart City – INF/01 – Catia Prandi</p>
<p>Class start date and teaching calendar information</p>	<p>The courses will be held from the end of January 2025 to the end of April 2025. They will be available in both online and in-person formats, excluding public holidays, according to the following weekly schedule:</p> <ul style="list-style-type: none"> • Thursday: 14:00 - 18:00 • Friday: 9:00 - 13:00 and 14:00 - 18:00 • Saturday: 9:00 - 13:00 <p>For additional information, please visit: https://master.unibo.it/sustainable-and-integrated-mobility-in-urban-regions/it</p>
<p>Auditors (if applicable)</p>	<p>Participation is open to auditors, up to 20% of enrolled students, in accordance with the Call for Applications.</p> <p>Those who wish to attend as auditors must inform directly the Professional Master’s Programme secretariat and will be notified of the acceptance of their request, as well as of the deadline and methods for registration and payment of the attendance fee. The attendance fee for auditors is € 1.500,00 Euro (to be paid in a single instalment upon registration). Auditors do not sit the final exam, have no attendance obligation, are not required to do an internship or prepare project work, do not earn CFU and are not awarded the Professional Master’s qualification in Master in Sustainable and integrated Mobility in Urban Regions - Mobilità integrata e sostenibile nelle aree urbane. The Secretariat will issue a certificate of attendance stating the number of hours completed by each auditor.</p>



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

AREA
FORMAZIONE E DOTTORATO

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