



MASTER

INNOVATION FOR DEVELOPMENT

MASTER IN TECHNOLOGIES FOR INTERNATIONAL DEVELOPMENT COOPERATION

1 NOVEMBER 2024 – 31 OCTOBER 2025
TURIN, ITALY

MASTER IN TECHNOLOGIES FOR INTERNATIONAL DEVELOPMENT COOPERATION



ONLINE
ITCILO E-CAMPUS
1 NOVEMBER 2024 –
4 APRIL 2025

14 JUNE –
31 OCTOBER 2025



FACE TO FACE
ITCILO CAMPUS
TURIN, ITALY
7 APRIL – 13 JUNE 2025



COLLABORATIVE LEARNING
ONLINE RESOURCES



LANGUAGES
ENGLISH



APPLICATION DEADLINE
SEPTEMBER 2024

OVERVIEW

SNAPSHOT OF THE MASTER

The Specializing Master's programme (1st level) in Technologies for International Development Cooperation is a pioneering academic venture, born from the joint efforts of the Turin School of Development of the International Training Centre of the International Labour Organization (ITC-ILO) and the Politecnico di Torino.

Politecnico di Torino is among the top European Technical Universities for education and research, with a key role on Innovation and Technological transfer, and a strong commitment to knowledge sharing to produce an impact on a complex and rapidly changing society. ITC-ILO, as part of the ILO, is dedicated to explore the frontiers of the future of work. It delivers development-oriented Courses and Masters in an international environment, in collaboration with the United Nations system and other centres of excellence across the globe.

The Master is addressed to project managers, officers, experts in Multilateral Cooperation and International Affairs, entrepreneurs, professionals and researchers in international organizations and sector-specific associations, aiming to broaden and enhance their knowledge and skills in managing complex projects, integrating new technologies and leading high-impact initiatives. It uses state-of-the-art technology to prepare them to tackle complex global challenges and transform innovative ideas into tangible, real-world solutions.

At the heart of the joint programme is the intersection of technological innovation, global development and international cooperation. The curriculum aims to strategically address the growing need for knowledge and expertise on emerging technologies, their potential to trigger change and the impacts of their implementation on all dimensions of sustainability at the global level. The essence of the programme lies in the belief that technology can be a powerful tool to foster positive global change, to promote inclusive development and to advancing global development cooperation.

The programme combines aspects of vision, approach and method, with technical-scientific ones, focusing on five thematic areas (and their intersections) which are considered strategic in the transition towards just and sustainable development:

- **land and agriculture:** dealing with the growing complexity of the agricultural and food system and the implications for land and water resources.
- **energy and green transition,** providing key insights on the challenges and the opportunities that the green transition presents, framed in the international dimension
- **urban innovation,** addressing the multiple and interconnected challenges of cities, whose future will be largely driven by social and technological innovation.

- **digital technologies**, analysing both the regulatory and technical aspects of digital standards which are suitable to boost development
- **health and social security**, identifying the challenges of implementing technology-based public health programmes in resource-limited settings, to address health inequalities and promote sustainable development practices.

The course carefully balances theoretical knowledge with practical application, encouraging students to interact, discuss real case studies and engage critically.

This programme is not just an academic journey, but a commitment to join a global community focused on international development, offering unique opportunities to interact with cutting-edge technologies and a vibrant network of experts, professionals and academics.

OBJECTIVES

WHAT TOPICS DOES THIS MASTER COVER?

- Policies and actors for International Development Cooperation;
- Impact and evaluation of policies, programmes and projects;
- Digital transformation and its implications in human development and society;
- Capacity building for entrepreneurship and innovation ecosystems;
- Project management for development.
- Facilitating complex change in development contexts
- Water Food Energy Nexus
- Water, Land and Agriculture
- Urban innovation
- Energy and green transition
- Digital technologies for Development
- Health, Social Security and Technology in International Development Cooperation
- Sustainable cities and environment

WHAT WILL I LEARN?

On successful completion of the Master, participants will be able to:

- Leverage digital technologies to enhance socio-economic growth in the Global South and triangular cooperation countries.
- Gain in-depth insights into the impact of technology on urban innovation and the creation of sustainable urban environments.
- Formulate sustainable and equitable natural resource management strategies.
- Apply energy transition and green technology solutions for environmental progress.
- Investigate the dynamics of food systems and agri-technology and assess their contribution to achieving sustainable progress.
- Improve access to social security and health care through innovative technological applications in global contexts.
- Address ethical considerations and challenges arising from the use of technology in global settings.
- Master data analysis and the use of digital tools for effective collaboration and project monitoring.
- Develop strategies for community involvement and stakeholder engagement in technology-driven initiatives.

INNOVATIVE METHODOLOGY

Enjoy experiential learning through case studies, workshops, active visits to research centres and labs, group-works and policy laboratories

STIMULATING DISCUSSION

Exchange ideas and knowledge with an international faculty

HIGH-LEVEL RESOURCES

Engage with experts from the ILO and the ITCILO, officials from other international organizations, practitioners and academia from Politecnico di Torino and other international universities



SCAN THE QR CODE
OR VISIT

bit.ly/3cldkZo

PARTICIPANTS' PROFILE

WHO ATTENDS THIS MASTER?

The Master is intended for:

- Experts in Multilateral Cooperation and International Affairs
- Public Administration and Policy Analysis Officials
- Project Management and Research in International Development
- Consultants and Advisors in International Development Cooperation
- Digital Transformation and Urban Innovation Strategists
- Energy and Global Health Technology Analysts
- Digital Solutions Entrepreneurs
- Sustainable Agriculture Advisors
- Cooperation Analysts in Financial Institutions
- Professionals and researchers in international organizations and sector-specific associations

METHODOLOGY

The Master programme is a one-year intensive blended-learning offering, consisting of one distance-learning and five classroom-taught modules. In order to minimize disruption of the participants' ongoing job obligations at home, full classroom attendance is mandatory for only ten weeks of the programme in person.

The Master merges theoretical and practical learning methodologies that are designed to engage and motivate students. The unique learning path offered by this programme ensures an extraordinary transfer of knowledge and practical competences with a multidisciplinary and applied approach.

Participants interact with their environment through a hands-on learning experience, which includes case studies, workshops, active visits to research centres and labs, group-works and policy laboratories.

FACULTY

In line with the training approach of the Turin School of Development, during the Master course, participants will have the opportunity to interact with and learn from an international faculty. Resource persons are selected based on their professional experience and subject matter expertise. They consist of:

- Experts from the ILO and the ITCILO;
- Officials from the UN system and other international organizations;
- Experts and practitioners of the subject matter;
- Academia and leading researchers from Politecnico di Torino and other international universities.

FINAL CERTIFICATE

The Master is delivered as a "First level Specializing Master's programme in Technologies for International Development Cooperation", according to Italian law* on postgraduate education, issued by the Politecnico di Torino. The first level specializing Master will be awarded to the participants who fulfill the following conditions:

- Administrative requirements and documents requested by the Politecnico di Torino;
- Submission of the assignments within the set deadlines and quality requirements;
- Successful passing of all exams demonstrating the level of competence required;
- Submissions of the final project within the set deadline and quality requirements.

* Master universitario di I livello istituito e attivato ai sensi dell'Art.3 del DM 270/04.

STRUCTURE AND CONTENT

This one-year Master programme is intensive by design. It combines three phases: distance learning module, face-to-face component and preparation of the final thesis.

DISTANCE LEARNING PHASE

From 1 November 2024 to 4 April 2025

During this phase, participants will have access to an on-line platform through which they will be given the materials, send their assignments and interact in forums as a class, while receiving advisory support from a dedicated tutor. Assessment will be carried out on a regular basis and upon arrival in Turin.

Topics covered will be:

- Module 1: Policies and Actors for International Development Cooperation
- Module 2: Impact and evaluation of policies, programmes and projects
- Module 3: Project management for Development
- Module 4: Facilitating complex change
- Module 5: Digital transformation and its implications in human development and society
- Module 6: Capacity building for entrepreneurship and innovation ecosystems

FACE-TO-FACE PHASE

From 7 April to 13 June 2025

This phase is the core-learning component of the Master. Participants will learn and practice through live classes held by an international faculty. Participation in classes is compulsory; classes are held every day from Monday to Friday from 9 am to 3.30 pm. Subjects include:

- Module 1: Water, Land and Agriculture
- Module 2: Urban innovation
- Module 3: Energy and green transition
- Module 4: Digital technologies for Development
- Module 5: Health, Social Security and Technology in International Development Cooperation

FINAL PROJECT PHASE

From 14 June to 31 October 2025

Preparation and completion of an original written project work over a period of 19 weeks, focusing on a specific subject or challenge related to technologies and international development cooperation. This final project will be developed through self-directed research in one of the core areas of study. Supervisors will provide guidance and support throughout this phase to ensure the delivery of a comprehensive and original project as a final outcome”.

FEES AND APPLICATION

TUITION FEE

The tuition fee is Euro 9,400. The fee includes:

- Programme development and management;
- Teaching equipment, training materials and documentation;
- Use of training facilities and support services.

Board, lodging, travel expenses, transports and personal expenses for the period in Turin are not included in the cost of participation.

PARTIAL SCHOLARSHIPS

A limited number of partial scholarships is available, on a competitive basis, only for participants from countries which receive official development assistance (ODA). Participants who wish to apply for a partial scholarship, are required to specify it on the application form.

The selection criteria for the award of partial scholarships will include academic and professional qualifications, organization, country of origin and gender balance.

MINIMUM ENTRY REQUIREMENTS

- A first university degree (Bachelor's degree) of minimum three years duration;
- Good working knowledge of spoken and written English;
- Ability to use computers and have access to the internet.

Applicants whose degree was awarded by a non-Italian University or by a private Italian University must submit the official transcript(s) issued by their home University. These transcripts should be on letter headed paper and should include a full list of all examinations passed, the marks obtained, the final degree grade and the date of award. Please note: only documents in English or Italian will be accepted.

APPLICATION AND DEADLINE

Applications should be made through the following link: <https://oarf2.itcilo.org/MSTF/A9717349/en>

Deadline for the first round of applications: **9 May 2024**.

Deadline for the second round of applications **30 June 2024**.

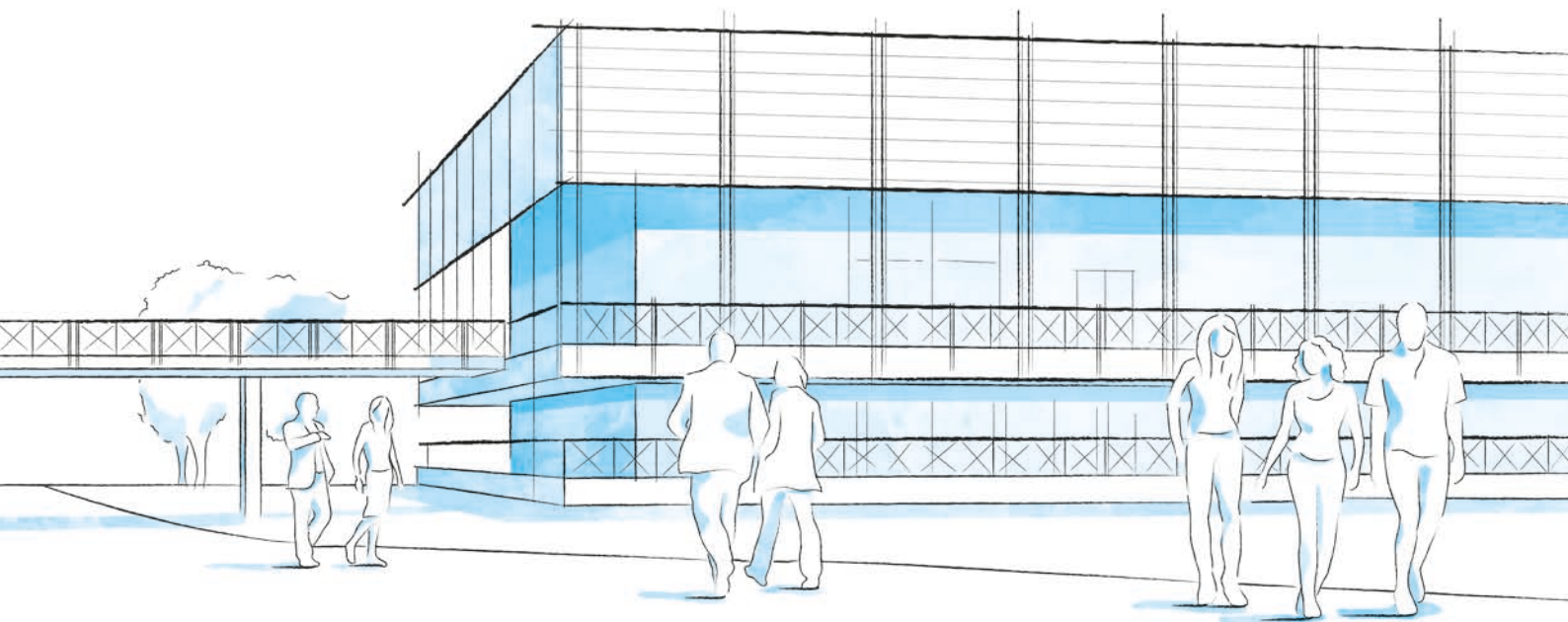
Deadline for the third round of applications **20 September 2024**.

A limited number of partial scholarships is available for students from developing countries only.

Important: only complete application forms will be considered during the candidate's selection process.

PAYMENT, CANCELLATION AND REFUND POLICY

The ITCILO's payment, cancellation and refund policy can be consulted on the following website: www.itcilo.org/turin-school-of-development/admission



CAMPUS LIFE

A THRIVING UNITED NATIONS CAMPUS AND COMMUNITY OF PROFESSIONAL PEOPLE FROM AROUND THE WORLD

- **Three organizations** from the United Nations system on campus
- **More than 300 training courses** and activities in a stimulating international environment
- **Thousands of participants** from all over the world

ENVIRONMENT AND SURROUNDINGS

Grab a campus bicycle and explore the Turin Centre.

Located in a leafy park on the banks of the Po River, it's a great place for study and collaboration. Experience innovative learning and training methods in modern classrooms equipped with simultaneous translation services.

HOUSING, DINING, AND MORE

Comprising more than 280 private dormitories, the **Turin Campus provides a broad range of services for course participants and partners** including a free-flow restaurant, travel agency, laundromat, post office, gym, medical services and a reception desk open 24/7.

COMMUNITY ENGAGEMENT AND DIVERSITY

Participants can enjoy social events organized by the Turin Centre as well as by their course facilitators.

Whether on or off campus, people from different cultural backgrounds have the opportunity to listen to live music together, cook and share traditional foods, or team up to play games and network.

INFO

FOR FURTHER INFORMATION PLEASE CONTACT

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and International Cooperation