



Decree Index no. 6048 File no. 118247  
Date 16/07/2021  
Title III Class V  
UOR SEMFC

HAVING REGARD TO Politecnico di Milano's Articles of Association;  
HAVING REGARD TO Ministerial Decree 3.11.1999, no. 509;  
HAVING REGARD TO Ministerial Decree 22.10.2004, no. 270;  
HAVING REGARD TO the University's Educational Rules - Regulations;  
HAVING REGARD TO the Regulation of Specializing Masters of Politecnico di Milano issued with Rector's Decree no. 2235 of 05.08.2013;  
HAVING REGARD TO the collaboration agreement signed by the Rector of Politecnico di Milano, by the Rector of Alma Mater Studiorum University of Bologna, by the Rector of the University of Florence, by the Rector of the University of Naples, by the Rector of the University of Padua and by the Rector of Sapienza University of Rome, for the issuance of the joint Master's qualification on File. n° 6263 of 02.07.2021;  
HAVING ACQUIRED the approvals by the Universities involved;  
HAVING ACQUIRED the favourable opinion of the Academic Senate of Politecnico di Milano, at the meeting on 19.04.2021, on the establishment and activation of Specializing Masters proposals, including the first level Specializing Masters "SUSTAINABLE MANAGEMENT OF RESOURCES AND CULTURAL HERITAGE FOR LOCAL DEVELOPMENT: EMPOWERING HIGHER EDUCATION IN AFRICA"

#### DECREES

The first level Specializing Masters "SUSTAINABLE MANAGEMENT OF RESOURCES AND CULTURAL HERITAGE FOR LOCAL DEVELOPMENT: EMPOWERING HIGHER EDUCATION IN AFRICA" is established and activated for the year 2021/2022.

#### **ART. 1** **Characteristics of the Master's**

The first level Specializing Masters "SUSTAINABLE MANAGEMENT OF RESOURCES AND CULTURAL HERITAGE FOR LOCAL DEVELOPMENT: EMPOWERING HIGHER EDUCATION IN AFRICA" is established at the Energy Department.

The administrative headquarters of the Specializing Masters is at the Energy Department; the relevant school is the School of Industrial and Information Engineering.

The Director of the Specializing Masters for Politecnico di Milano is Prof. Emanuela Colombo; the Director of the Specializing Masters for Alma Mater Studiorum University of Bologna is Prof. Alessandra Scagliarini; the Director of the Specializing Masters for the University of Florence is Prof. Giorgia Giovannetti; the Director of the Specializing Masters for the University of Naples is Prof. Guido D'Urso, the Director of the Specializing Masters of Sapienza University of Rome is Prof. Carlo G. Cereti and the Director of the Specializing Masters for the University of Padua is Prof. Piergiorgio Sonato.

## **ART. 2**

### **Educational objective and employment opportunities**

The general objective of this Master's is to support African universities by contributing to the improvement of staff and to the training of a qualified generation of young researchers and qualified professors. The specific aims, targeted to students of the Master's is threefold): to increase the awareness of participants in the global challenges of sustainable development and to clarify their implications for the African continent; to provide them with the right tools to pursue research and training actions in that field, to transfer the acquired knowledge to their home university; and to strengthen the partnership between their home universities and the Italian universities.

The Master is designed for young talents with academic prospects: young professors and junior researchers. A scholarship - which covers the entire costs of the Master's - will be available for 35 applicants originating mainly from Ethiopian Higher Education and/or Research Institutions. The Italian Higher Education with Africa Foundation (IHEA Foundation) will be responsible for selecting the Master's participants. The local Universities will also support the selection process by way of letters of support to qualified applicants. If there are still places available, the Master's will also be opened to other postgraduates and young professors from other non-African universities at full cost.

**The programme will be delivered in English.**

## **ART. 3**

### **Teaching content and organisation**

The Specializing Master's will start in **October 2021** and will end in **April 2023**.

Africa continues to be at the center of the debate in Europe and the world; the continent's role in global policies is becoming increasingly strategic with population growth and the consolidation of national economies. In this context, involving many complex and multidisciplinary challenges and sometimes, as demonstrated throughout 2020, even unforeseen challenges, the roles and responsibilities of academic training and scientific research, being able to produce high-level innovation and knowledge are central. The safety measures against COVID-19 announced by African governments, closing schools and prohibiting meetings, are having a negative impact on the continuity of teaching, learning and research activities in HEIs. Furthermore, this commitment is also a claim within the seven aspirations of the African Union (Agenda 2063) and with the people-centred approach of the Sustainable Development Goals (Agenda 2030).

It is from this perspective that the Master's has been designed, made up of 6 specific modules:

- *Module 1*: Sustainable development and the Africa challenge (4 ECTS);
- *Module 2*: Project Research Management - Innovative Teaching (10 ECTS);
- *Module 3*: Sustainable Food (10 ECTS);
- *Module 4*: Energy Resources, Conversion Technologies, Energy Scenarios and Planning (10 ECTS);
- *Module 5*: Cultural Heritage (10 ECTS);
- *Module 6*: One Health: introduction to system thinking, Health and Sustainable Lifestyle, Pollution and Health (3 ECTS)

The Master's involves the assignment of a project work (13 ECTS), students can write a research proposal on a matter of interest for their university of origin or design a new course (even of innovative teaching).

SSD	Module	Total hours of activity	ECTS
AGR/01, AGR/02, AGR/03, AGR/08; L-OR/14; SECS-P/01; VET/05	<i>Module 1: Sustainable development and the Africa challenge</i>	100	4
ALL+ M-PED/03; L-LIN/12; MAT/05; ING-IND/35; SECS-S/03	<i>Module 2: Project Research Management - Innovative Teaching</i>	250	10
ALL+ AGR/01, AGR/02, AGR/03, AGR/08, AGR/09, AGR/15, AGR/16, AGR/19; SECS-P/01; VET/06	<i>Module 3: Sustainable Food</i>	250	10
ALL+ ING-IND/10, ING-IND/09, ING-IND/31; ING-IND/08, ING-IND/25	<i>Module 4: Energy Resources, Power Technologies, Energy Scenarios and Planning</i>	250	10
ALL+ L-ANT/01, L-ANT/08, L-ANT/09, L-ANT/10, L-ART/01, L-ART/04, L-FILLET/06, L-LIN/01, L-OR/02, L-OR/05, L-OR/07, L-OR/09, L-OR/10, L-OR/11, L-OR/12, L-OR/14, M-STO/06, M-STO/07, M-STO/08, M-DEA/01.	<i>Module 5: Cultural Heritage</i>	250	10
ALL+ VET05; BIO/10, BIO/14	<i>Module 6: One Health: introduction to system thinking, Health and Sustainable Lifestyle, Pollution and Health</i>	75	3
ALL	Project Work	325	13
	<b>Total</b>	<b>1,500</b>	<b>60</b>

#### **ART. 4 Admission requirements**

Researchers, professors, lecturers and fellows of Ethiopian Universities who hold a Laurea (Bachelor), Laurea Specialistica/Magistrale (Master of Science) will be eligible. Equivalent qualifications from the university systems of foreign applicants are valid. Knowledge of English, preferably certified, is recommended. The letter of motivation and the support letters of the home Ethiopian University are mandatory. In case of vacancies, applicants from Universities of other African countries and/or Unicore Network members may participate.

A **maximum number of 40 participants** can be admitted to the Master's.

**ART. 5**  
**Formal requirements**

The - **application** can be submitted starting from the day after the date of this Decree and **by September 5, 2021.**

**\* Italian/foreign citizens who graduated in Italy**

- Self-certification of personal identity (surname and name, place and date of birth, nationality, and residence)
- copy of the identity document
- copy of the Diploma Supplement or photocopy of the degree diploma and certificate with a list of exams taken for Old Educational System graduates
- Curriculum Vitae

**\* Italian/EU citizens with qualification gained abroad**

- Self-certification of personal identity (surname and name, place and date of birth, nationality, and residence)
- copy of the identity document
- Copy of the academic qualification obtained, and a certificate showing the marks given in the individual exams or Diploma Supplement (**during enrolment, the certificate of equivalence issued by the relevant area's Italian Representative abroad or certificate issued by the Enic/Naric Centres must be submitted**)
- Curriculum Vitae

**\* Non-EU citizens who graduated abroad**

Non-EU foreign citizens must submit to the Energy Department:

- **copy of the degree** in the original language and its translation into Italian/English/French or Spanish
- **copy of the transcripts** with the list of exams in the original language and their translation into Italian/English/French or Spanish **or Diploma Supplement**
- **copy of a valid passport**
- Curriculum Vitae

At least 30 days before the enrolment's closing date as set out in this article.

The application must contain the declaration: "I authorise this University, in accordance with Regulation EU no. 2016/679 on data protection, to process personal data only for purposes related to the Master's admission, enrolment and management, and agree to the disclosure of my personal information to third parties", particularly:

- to public and private entities interested in possible recruitment;
- to academic programme backers; Politecnico Treasurer for services related to tuition fees;
- to entities managing unsecured loans, housing, flexible employment contracts, cultural, recreational and/or sports activities.
- I authorize the use of the data for statistical purposes in respect of the procedures and authorizations required by the cited regulation.

The extended information on data processing and on data subject rights is available on the website [www.polimi.it/privacy](http://www.polimi.it/privacy)

The documentation is available electronically at the website: [www.masterafrica.polimi.it](http://www.masterafrica.polimi.it)

The documentation must be sent to:

**Dr Barbara Villa**

Energy Department

Via Lambruschini 4

20156 Milan (MI)

Email: [masterafrica-deng@polimi.it](mailto:masterafrica-deng@polimi.it)

Under Art. 75 of Italian Presidential Decree 445/2000, if the Administration, after carrying out suitable checks, finds that the content of the declarations made by the applicant is untrue, the declarant forfeits any benefits obtained by the measure issued based on the untrue declaration.

The Energy Department shall send the documentation listed above for the evaluation of qualifications, to participate in the Specializing Masters, to Politecnico di Milano, **Masters and Lifelong Learning Service, by the closing date of this call for applications**, in accordance with the provisions of the MIUR/MAE note "Procedures for entry, stay and enrolment of students applying for visas in higher education programs in Italy for the 2021/22 academic year".

**Following acceptance by the University, and only after confirming to the Energy Department their participation on the Programme by the set methods, students, if requested, must register on the Ministerial portal <https://www.universitaly.it> informing the Energy Department that the registration has been completed in order for the application to be sent to the Representative responsible for issuing the entry visa.**

**ENROLMENT METHOD:**

Students admitted to the Master's must create access credentials to Politecnico di Milano's Online Services on the website [www.polimi.it](http://www.polimi.it). They must then enter their details and create a **personal code**, attaching a valid identity document (passport for non-EU citizens), and communicate their person code to the Energy Department. Students already registered must update their personal details, if they are obsolete.

**Portal access credentials must be retained as they will be required to access all of Politecnico di Milano's services.** Lost access credentials may be autonomously restored or obtained through an OTRS ticket.

Politecnico will create a temporary student identification number to allow the student to pay the enrolment fee via online services.

The achievement of an Italian degree can be self-certified by completing the appropriate form provided by the Energy Department. A degree obtained abroad must be documented by presenting a **declaration of value (DOV)** issued by the Italian Representative abroad (Italian Embassy or Consulate) on letterhead complete with its original stamp; **or a certificate issued by the Enic/Naric Centres.**

**Forms of support for the issuance of the CIMEA certification are envisaged for African applicants.**

**If requested, non-EU citizens, in addition to the above documentation, must upload a copy of a valid residence permit on their online services personal data record.**

## **ART. 6**

### **Degree and award recognitions**

#### **ISSUED CERTIFICATION**

At the end of the course, after passing the final exam, the first level Specializing master's diploma "Sustainable Management of Resources and Cultural Heritage for Local Development: Empowering Higher Education in Africa" will be issued, in English, jointly with Alma Mater Studiorum University of Bologna, University of Florence, University of Naples, University of Padua and Sapienza University of Rome.

Students admitted to the Master's final examination will pay the fee via the online services of Politecnico di Milano in order to be able to take the exam.

#### **STUDENT OBLIGATIONS**

Attendance is compulsory for at least 80 per cent of the program activities.

Cancellation from the program must be made in writing. The training period may not be suspended for any reason. The simultaneous enrolment on a Specializing Master and on another Italian University academic programme is not allowed.

#### **TESTING METHODS**

The final test will involve the development and discussion of a Project Work investigating one of the subjects dealt with in the course modules.

## **ART. 7**

### **Tuition fees and contributions**

The costs for the participating to the Specializing Master are covered in full by the IHEA Foundation for applicants of African Universities, including the registration fee to Politecnico di Milano (€500.00 per student). There are 35 scholarships available to cover the total costs of the Master's.

Upon reaching the maximum number of 40 participants, the Master's may be opened to another 5 participants who will cover the total cost of the Master's amounting to €5,500, to which the €500 registration fee to Politecnico di Milano is added.

## **ART. 8**

### **Personal data processing**

Under EU Regulation no. 2016/679 on data protection, the University processes personal data only for purposes related to the master's admission, enrolment and management, and in any case you agree to the disclosure of your personal information to third parties, particularly:

- to public and private entities interested in possible recruitment;
- to academic program backers; Politecnico Treasurer for services related to tuition fees;
- to entities managing unsecured loans, housing, flexible employment contracts, cultural, recreational and/or sports activities.
- I authorize the use of the data for statistical purposes in respect of the procedures and authorisations required by the cited regulation.

The extended information on data processing and data subject rights is available on the website: [www.polimi.it/privacy](http://www.polimi.it/privacy)

**ART. 9**  
**Publication**

This Decree is made public on Politecnico di Milano's website at <https://www.polimi.it/corsi/master-universitari-e-corsi-post-laurea/>

**FOR INFORMATION ON THE SPECIALISING MASTERS:**

**Dr Barbara Villa**

Via Lambruschini 4

20156 Milan (MI)

Tel. +39 02 2399 3809

Email: [masterafrica-deng@polimi.it](mailto:masterafrica-deng@polimi.it)

The Rector  
(Prof. Ferruccio Resta)  
Signed Ferruccio Resta