



UNITAFRICA

Empowering the Academic Cooperation between Italy and Africa for fostering the quality and effectiveness of the higher education systems in a mutual learning environment

TNE23-00050 - CUP D81I24000280007

Università degli Studi di Brescia

Department of Civil Engineering, Architecture, Land, Environment and Mathematics (DICATAM)

SUMMER SCHOOL 2025

Appropriate Technologies & Digital solutions to Create Resilient Communities to face environmental and health challenges

Call for applications for the **selection of no. 28 students enrolled at 10 African Universities** (see Art.3 of the call) to attend the Summer School 2025 “Appropriate Technologies & Digital solutions to Create Resilient Communities to face environmental and health challenges” organised by the University of Brescia, in collaboration with Cheikh Anta Diop University of Dakar (UCAD). For the University of Brescia, in addition to the Department of Civil Engineering, Architecture, Land, Environment and Mathematics (DICATAM), the Department of Information Engineering (DII), the Department of Mechanical and Industrial Engineering (DIMI) and the Department of Clinical and Experimental Sciences (DSCS) are involved. The Summer School is organized also with the collaboration of CeTamb (Research Centre on Appropriate Technologies for Environmental Management in Resource-limited Countries) of the University of Brescia. Furthermore, for the University Cheikh Anta DIOP the faculty of Sciences and Techniques and the faculty of Letters, Human Sciences are involved.

Annex 1 contains the application form (in this document).

Annex 2 contains the Summer School Syllabus and the detailed programme (in a separate file).

Art.1 - Training activities

The Summer School will be held at the premises of the University Cheikh Anta Diop (UCAD) in Dakar, Senegal (Africa) from 30 June to 4 July 2025 (5 working days) and aims to provide in-depth training on Appropriate Digital Technologies and Solutions for Environment, Agriculture and Health Promotion in Communities. The Summer School will offer an interdisciplinary perspective on the issues of global health, water and waste, agroecology and renewable energy in developing contexts, with a particular focus on digital tools to foster community resilience. Teaching will take place through a combination of theoretical lectures and interactive group work sessions and case studies. **All the lectures will be delivered in English** by lecturers from the University of Brescia and African Universities.



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The summer school will focus on the following topics:

- Global health, one-health and digital health
- Environment, WASH (water sanitation and hygiene) and waste management
- Agriculture, zootechnical practices and climate change
- Renewable energy and energy transition

Art.2 - Rules of participation

Attendance in person is required.

Art.3 - Eligible African Universities

The call is addressed to the African Universities associated partners of the project “TNE UNITAFRICA: Empowering the Academic Cooperation between Italy and Africa for fostering the quality and effectiveness of the higher education systems in a mutual learning environment” that have an active Memorandum of Understanding with the University of Brescia. As a priority, the distribution of the 28 students who will be admitted to participate in the summer school will take into account the following criteria:

- 10 students from Université Cheikh Anta Diop de Dakar (UCAD), Senegal
- 10 students from the following Senegalese Universities:
 - Amadou Mahtar Mbow University (UAM)
 - Cheikh Ahmadou Bamba University (UCAB)
 - Gaston Berger University (UGB)
- 8 students from the following African Universities
 - Knust Kwame Nkrumah of Science & Technology University (Ghana)
 - University for Development Studies Tamale (Ghana)
 - Save University (Mozambique)
 - Moi University (Kenya)
 - Somali National University (Somalia)
 - Ruaha University (Tanzania)

Art. 4 - Eligibility criteria

Students are admitted to the Summer School if they are enrolled in a master's or doctoral degree course in the following disciplines: Environmental Sciences; Biology; Engineering (priority for Civil, Environmental, Mechanical and Information Engineering); Medicine and other health disciplines; Agriculture and animal science.

Art. 5 - Applications and deadlines

Participation in the Summer School is restricted to a maximum number of 28 students. Applications must be sent to the following e-mail contact: unitafrica@unibs.it by May 14, 2025.



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The online application must be accompanied by the following documents:

- The application form (see Annex 1);
- Curriculum Vitae;
- If present, type of Bachelor's degree and final grade;
- Current academic status, including the following details:
 - for students enrolled in Master's degree programs: specify the degree program, the exams taken so far, and the grades obtained and the average score;
 - for PhD students: specify the PhD program and the topic of the research.
- For students from non-English-speaking countries, include a document certifying a B2 level of English proficiency (the knowledge of English language, both listening and speaking, is necessary for the active participation to the summer school);
- Motivation letter.

The selection will be based on the overall assessment of the submitted documents and is entrusted to the Summer School Scientific Committee. The results of the selection will be published on the University of Brescia and UNITAFRICA project websites and communicated by e-mail.

Art.6 - Selection and participation grant

The selection of the winners will be based on merit criteria at the sole discretion of the Scientific Committee of the Summer School. The expenses for the participation in the Summer School will be covered by the TNE UNITAFRICA project with a maximum cost of 2000 € per student. Further details will be communicated to the selected participants.

Art.7 - Organising Committee and contacts

Università degli Studi di Brescia (Unibs-University of Brescia), Italy

Sabrina Sorlini unitafrica@unibs.it, Gianluca Di Rosario unitafrica@unibs.it

Université Cheikh Anta Diop de Dakar (UCAD – Cheikh Anta Diop University of Dakar), Senegal (Africa)

Cheikh Abdoul Khadir Diop cheikhak.diop@ucad.edu.sn

Art.8 - Evaluation Committee

A specific Commission, appointed by the University of Brescia and by the Cheikh Anta Diop University of Dakar, in compliance with the Universities Code of Ethics, will assess the qualifications of the candidates following the expiry of the application deadline.



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ANNEX 1 – APPLICATION FORM

SUMMER SCHOOL

Appropriate Technologies & Digital solutions to Create Resilient Communities to face
environmental and health challenges

30 June – 4 July, 2025

Name:

Surname:

Address:

Country of residence:

Nationality:

Date and place of birth:

Email:

Phone:

Document (Identity Card or Passport):

Current position (select one option):

☐

Master Student

☐

PhD Student

Name of the University:

Attached documents:

- Curriculum Vitae;
- If present, type of Bachelor's degree and final grade;
- Current academic status, including the following details:
 - for students enrolled in Master's degree programs: specify the degree program, the exams taken so far, and the grades obtained and the average score;
 - for PhD students: specify the PhD program and the topic of the research.
- For students from non-English-speaking countries, include a document certifying a B2 level of English proficiency

I hereby certify that the information provided on this application is accurate and complete.
I understand that incomplete, inaccurate or false statements may cause my registration or
admission to be rescinded.

Date.....

Signature



Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
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