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ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Advanced Skill Course on

ULTRASOUND

University of Bologna – Sant'Orsola Hospital
23 – 28 March 2026

Afya Moja (TNE23-00079 CUP C84C24000190006)



AFYA MOJA
PROJECT

CALL FOR APPLICATIONS

DD.

PNRR M4, C1, INV3.4 "Iniziative educative transnazionali – TNE", ex D.D. MUR n. 167/2023
TNE23-00079 CUP C84C24000190006

Responsabile del procedimento: Alice Trentini

Settore Accordi e mobilità extra UE

Via Filippo RE, 4 | 40126 Bologna | Italia | tne.mobility@unibo.it

TABLE OF CONTENTS

Article 1 - General Information
Article 2 - Course Description
Article 3 - Requirements and Application Procedures
Article 4 - Selection
Article 5 - Confirmation of Participation
Article 6 - Financial Support and Benefits
Article 7 - Insurance Requirements
Article 8 - Processing of Personal Data

ART. 1 GENERAL INFORMATION

The Alma Mater Studiorum University of Bologna, within the framework of the PNRR TNE AFYA MOJA project "Health Technology: from capacity building to capacity strengthening", funded by the Italian Ministry of University and Research (MUR), CUP: C84C24000190006 led by Campus Biomedico di Roma, announces a call for applications for the selection of **No. 8 participants from African countries**, to take part in the Advanced Skill Course (ASC) on **"ULTRASOUND"**.

ART. 2 COURSE DESCRIPTION

The Advanced Skill Course on Ultrasound aims to provide advanced knowledge and applied skills in abdominal ultrasound, Doppler ultrasound, obstetric ultrasound, point-of-care ultrasound, and bedside ultrasound in emergency (including FAST protocol) and intensive care settings.

The course focuses on the practical application of ultrasound techniques across different clinical environments, allowing participants to develop knowledge and understanding through direct attendance of ultrasound examinations performed and reported by experts. Particular emphasis is placed on the recognition of pathological findings, rapid ultrasound assessment in acute and critical settings, and the clinical use of ultrasound-guided procedures.

ART. 2.1 Goals

The main goals of the Advanced Skill Course are to enable participants to:

- Acquire knowledge and understanding applied to abdominal and focused general ultrasound.
- Distinguish normal from pathological ultrasound findings. Acquire knowledge and understanding of obstetric ultrasound.
- Develop the ability to independently perform ultrasound examinations.

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- Acquire knowledge and understanding of point-of-care ultrasound (POCUS).
- Understand the principles and clinical applications of FAST ultrasound in trauma.
- Apply bedside ultrasound in emergency and intensive care settings.
- Acquire knowledge and understanding of ultrasound-guided interventional procedures.
- Understand how patients should be appropriately prepared.
- Develop practical ultrasound skills.
- Promote networking among professionals, healthcare institutions, and universities to foster collaboration.
- Encourage the adoption of sustainable and innovative ultrasound practices, particularly in low-resource settings.

ART. 2.2 Topics

The main topics of the Advanced Skill Course include:

- Fundamentals of abdominal ultrasound
- Fundamentals and advanced learning of obstetric ultrasound
- Principles of Doppler ultrasound
- Clinical applications of Doppler ultrasound
- Point-of-care ultrasound (POCUS)
- FAST ultrasound in trauma
- Bedside ultrasound in emergency medicine
- Bedside ultrasound in intensive care units (ICU)
- Ultrasound-guided interventional procedures
- Patient preparation and safety considerations for ultrasound-guided procedures

ART. 2.3 Schedule and Learning Activities

The course will be held at the IRCCS Azienda Ospedaliero-Universitaria di Bologna, Italy

Learning activities will include:

- Theoretical knowledge to be acquired through online course or lessons from remote that will be delivered to participants, before the on-site practical training period
- Practical training sessions aimed at the future acquisition of independent performance of ultrasound examinations in different settings
- Supervised hands-on activities for the recognition of normal and pathological findings, if and whenever the local situation could allow this type of learning.
- Training in FAST, POCUS, and bedside ultrasound in emergency and intensive care settings

The integration of theoretical instruction and practical activities is designed to ensure the development of advanced technical skills and applied clinical competence across different clinical settings.

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Lessons will be delivered by a team of professors and doctors from the University of Bologna. Participation in the ASC entails five days of in-person attendance at the University of Bologna, IRCCS Azienda Ospedaliero-Università di Bologna, Sant'Orsola Hospital, and a total stay of seven days, inclusive of arrival and departure.

The ASC will be delivered from the 23st to the 28th of March 2026.

ART. 2. 4 Prospective Participants

The call is open to healthcare professionals who already have basic ultrasound experience. Priority will be given to physicians, including internal medicine specialists, residents in internal medicine or related specialties, and hospital physicians wishing to enhance their ultrasound skills and preferentially with a perspective to remain at work in their National Health Care system in the long-term.

ART. 3 REQUIREMENTS AND APPLICATION PROCEDURE

- **To be eligible, applicants must meet the following requirements:** Hold a degree (at least a Bachelor's) in Medicine or in a related field relevant to Ultrasound procedures.
- Be a resident in an African country
- Have at least a B2 level of English proficiency according to the Common European Framework of Reference for Languages (CEFR).
- Applicants must not currently hold any grant funded by the European Union. This includes, but is not limited to, grants for Joint Master's Degrees (formerly Erasmus Mundus Action 1), PhD scholarships funded through Italy's PON or PNRR/NRRP programs, or any other EU-funded initiatives

Applicants must meet all the above-mentioned requirements by the application deadline. Selected candidates must also guarantee their full attendance for all five days of the Advanced Skill Course.

3. 1 Application procedure

Candidates are required to submit their application by e-mail to the following address tne.mobility@unibo.it specifying in the subject line "Application for AFYA MOJA Advanced Skill Course".

The application must include:

- duly completed application form
- curriculum vitae
- ID document
- degree certificate

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- letter of recommendation (from university/company/hospital)
- motivation letter
- English language certificate (optional).

ART. 3.2 Application deadline

Applications must be submitted **by February 10 2026 – 11.00 pm** Central European Summer Time (CEST).

Incomplete applications or applications submitted after the deadline will not be considered.

ART. 4 SELECTION

Applications will be evaluated based on the following criteria:

1. **Relevance of CV to the course objectives:** Max. 40 points;
Fully Relevant: The item is directly and entirely aligned with the specified topic of the course;
Mostly Relevant: The item is significantly aligned with specified topic of the course with only minor deviations;
Partially Relevant: The item is somewhat aligned with the specified topic of the course but with notable gaps or inconsistencies;
Not Relevant: The item has no discernible alignment with specified topic of the course
2. **Motivation Letter:** Max. 20 points;
3. **Letter of recommendation:** Max. 20 points.

ART. 4.1 Gender Balance and Equal Evaluations (Ex Aequo)

Gender balance will be considered during the selection process. In cases where two candidates have equal qualifications and evaluation scores, preference will be given to the candidate belonging to the gender that is underrepresented among the selected participants. Additionally, if two candidates of the same gender have equal qualifications and evaluation scores, preference will be given to the younger candidate.

ART. 4.2 Selection Committee

The Selection Committee will be composed of:

1. Stefano Severi: Chair of the Committee
2. Fabio Piscaglia: Member of the Committee
3. Cristiana Corsi: Secretary of the Committee

The Selection Committee will evaluate all duly completed applications; incomplete or late submissions will not be assessed. The Selection Committee will compile a ranking list.; which will be communicated to all applicants at the end of the selection process.

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ART. 5 CONFIRMATION OF PARTICIPATION

Selected candidates must confirm their acceptance **within three (3) days** of notification of the ASC placement offer by sending the signed acceptance form to: tne.mobility@unibo.it. Failure to do so may result in the offer being withdrawn.

Upon acceptance, participants commit to complying with all administrative procedures required by the University of Bologna and the Italian government. This includes, but is not limited to, signing the ASC agreement and fulfilling visa requirements.

In the event of a late withdrawal, participants will be required to reimburse the full cost of travel and accommodation incurred on their behalf.

ART. 6 FINANCIAL SUPPORT AND BENEFITS

All selected participants will be provided with accommodation and meals; travel expenses will be covered only to international attendees (excluding visa fees). Room and board will be granted only for the ASC week (maximum 7 overnight stays and 8 days).

Furthermore, by attending the ASC, participants will benefit from the following:

- Opportunities for academic networking, including exchanges and collaborative initiatives;
- Exposure to innovative teaching methodologies and learning environments;
- Potential to establish long-term collaborations in research and teaching.

ART. 7 INSURANCE REQUIREMENTS

Selected participants are required to obtain the following insurance coverage:

- **third-party liability insurance** covering any unintentional damage caused to persons or property during participation in ASC activities at the UNIBO premises;
- **personal accident insurance** covering injuries sustained during participation in course activities at UNIBO and IRCCS AOU premises;
- **individual health insurance** covering medical and hospital expenses for the entire duration of the course (only for participants coming with a study VISA)

Proof of policy coverage and premium payment must be provided upon request.



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ART. 8 PROCESSING OF PERSONAL DATA

Information on the processing of the personal data disclosed through the applications to participate in this call is published on the University website, "[Information for students on personal data processing](#)".

The Data Controller is Alma Mater Studiorum – Università di Bologna, with registered office at Via Zamboni 33 – 40126 Bologna.

CONTACT

For any additional information, clarifications or inquiry, please do not hesitate to contact: caterina.giuliani6@unibo.it

Head of Education and PHD Programme Division
Dott.ssa Alice Trentini

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