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# Call for Applications Blended Executive Programme (BEP)

“One Health, Global Health,  
Planetary Health – New  
approaches in Emerging  
Economies”

A.Y. 2025/2026

Deadline: 27th August, 2025 - 12:00 PM

**CALL FOR APPLICATIONS**  
**BLENDED EXECUTIVE PROGRAMME (BEP)**  
***“One Health, Global Health, Planetary Health – New approaches in  
Emerging Economies”***  
**a.y 2025/2026**

Single call (29th of July – 27th of August 2025, 12 PM)

<b>UNIPD Departments</b>	<ul style="list-style-type: none"> <li>• Department of Industrial Engineering (DII)</li> <li>• Department of Molecular Medicine (DMM)</li> <li>• Department of Medicine (DIMED)</li> <li>• Department of Animal Medicine, Production and Health (MAPS)</li> </ul>
<b>Contact</b>	<p>International Projects Unit - Projects and Mobility Office  International Relations Division  University of Padua</p> <p>Lungargine del Piovego, 1 - 35131 Padua, Italy</p> <p>Mail to: <a href="mailto:international.projects@unipd.it">international.projects@unipd.it</a></p>
<b>Unipd coordinator</b>	<p>Prof. Carla Mucignat, DMM, University of Padova</p> <p><a href="mailto:international.projects@unipd.it">international.projects@unipd.it</a></p>
<b>Coordinator and Host University</b>	<p><u>Coordinator:</u> University of Padova (Italy)</p> <p><u>Host Universities:</u> Addis Ababa University and Ethiopian Catholic University La Salle (Ethiopia)</p>
<b>Organised in cooperation with</b>	<ul style="list-style-type: none"> <li>• Alma Mater Studiorum Università di Bologna</li> <li>• Università degli Studi di Napoli Federico II</li> <li>• Università degli studi di Firenze</li> <li>• Università di Roma “la Sapienza”</li> <li>• Politecnico di Milano</li> </ul>
<b>Number of participants</b>	Max 25
<b>Abstract</b>	<p><b>Background</b></p> <p>The traditional vision of medicine focuses on the single patient, yet a paradigm shift is now mandatory, since the health of each individual depends strictly on the balance between each one’s heritage (genetic,</p>

developmental etc.) and the health of other members of the same species, of other animals but also on the health of the environment, including living organisms (plants) and resources like water and air. All these levels are strictly interconnected and balanced to result in good health for each individual, as pointed out by the World Health Organization (“By linking humans, animals and the environment, One Health can help to address the full spectrum of disease control – from prevention to detection, preparedness, response and management – and contribute to global health security”, [https://www.who.int/health-topics/one-health#tab=tab\\_1](https://www.who.int/health-topics/one-health#tab=tab_1)). Since 2022, the Food and Agriculture Organization of the United Nations (FAO), the World Organisation for Animal Health (OIE), the UN Environment Programme (UNEP) and the World Health Organization (WHO) collaborate to integrate and optimize the health of humans, animals, plants and the environment, a vision that is shared also by the European Union. In order to promote health at every level, it is mandatory to share an integrated One Health vision also when managing the single patient and raise the consciousness about this approach. This is particularly relevant in the African context, where healthcare systems are being developed and need young, proactive and enthusiastic professionals with the vision and capabilities necessary to manage health issues in an interconnected world. Hence, a collaborative, integrated approach targeting health within multiple disciplines is the focus of this Project, with the aim of fostering collaboration, coordination and capacity building, resulting in an effective communication towards the final users.

### **Learning outcomes and target audience**

The main goal of the Blended Executive Programme (BEP) is to provide participants with a toolkit of up-to-date theoretical knowledge and practical skills to face the challenges of One Health issues in African contexts. Participants ideally hold a first-degree in the healthcare area and have a good commitment to deepen their knowledge in a collaborative environment. The main goals of the program are:

- To increase knowledge on different aspects of One Health approach, from basic interactions among different organisms to the selective response of various species
- To offer an introduction to techniques for epidemic surveillance at population-wide level
- To provide participants with hands-on skills to manage laboratory techniques for diagnosis
- To face the essential principles of data collection and analysis, in the framework of research applied to health issues

	<p><b>BEP structure</b></p> <p>The BEP consists of a preliminary module, to be held online in MOOC format, that will provide a general framework, introducing themes related to international cooperation for science and health management, including issues on ethics and financial sustainability.</p> <p>Then, three specific modules will be held online (Module 1 and 2) and face-to-face (Module 2 and 3) in Bishoftu and Addis Ababa and will target:</p> <ol style="list-style-type: none"> <li>1. Issues on biodiversity and public health management.</li> <li>2. Basics on biology of communicable diseases and epidemiology</li> <li>3. Diagnostic techniques and surveillance methods</li> </ol>
<b>Credits awarded</b>	20 CFU (certificate of completion)
<b>Application</b>	Applications shall be made through the following <a href="#">form</a> by 27th August 2025, 12:00 PM.
<b>Study title for the admission</b>	Bachelor's Degree
<b>Who can apply</b>	Master's Students, Phd Students, healthcare professionals, MD, DVM, public health officers
<b>Other preferences</b>	To be early career researchers or a young ministerial/public officers working in the field of healthcare management
<b>Duration</b>	120 hours (4 weeks)
<b>Minimum attendance</b>	75%
<b>Teaching method</b>	Blended (50% in person and 50% online)
<b>Virtual activities</b>	Online synchronous and asynchronous: 60 hours (30+30)
<b>Face to face activities</b>	60 hours at the College of Veterinary Medicine and Agriculture, Addis Ababa University (AAU) in Bishoftu and the Ethiopian Catholic University La Salle (ECUL) in Addis Ababa
<b>Teaching language</b>	English

<b>Minimum language requirements</b>	As the course is fully taught in English, participants must have a good command of the language.
<b>Course evaluation</b>	<p><b>Intermediate (modules) evaluation:</b> The intermediate assessments will be defined by the individual scientific module coordinators. The evaluation methods may vary, but will likely include the preparation of reports, multiple-choice tests, and written exams.</p> <p><b>Final evaluation:</b> The final assessment consists of the preparation of a project work, which will then be discussed in front of the BEP Scientific Council.</p>
<b>Mandatory documents for the application</b>	<ul style="list-style-type: none"> <li>• Curriculum Vitae / Resume (in English - max 2 pages)</li> <li>• Motivational Letter (in English - max 2 pages)</li> </ul>
<b>Applications assessment and ranking procedure</b>	Selection will be made by the Scientific Committee of the BEP. The requested documents will be: CV and motivational letter. The evaluation criteria will include: relevance and grade of the previous degree(s), professional experience in the field, motivation for attending this BEP. In case of candidates with equal scores, priority will be given to the youngest applicant.
<b>Funding</b>	<p>Travel and accommodation costs will be partially covered by the SHARE AFRICA project, subject to budget availability. Should additional funds become available, they will be used to support further eligible applications.</p> <p>(Project reference number - CUP: E46E2400010006)</p>



COURSE STUDY PLAN			
MODULE NAME		Hours	Equiv. ECTS
<b>INTER-DISCIPLINARY MODULES via MOOC (choose 5 among the 6)</b>	Online	<b>30</b>	<b>5</b>
Sustainable Development and the Challenge of Africa		6	1
Fundamentals of Geopolitics in Cooperation		6	1
Funding Opportunities and Research Proposal Preparation		6	1
Scientific Publication: Access to Databases, Paper Writing, and Valorization		6	1
Ethics of Research and Technology		6	1
From Idea to Impact: Tips for Writing your European Research Proposal		6	1
<b>MODULE 1 - One Health, Global Health e Planetary Health</b>	Online	<b>18</b>	<b>3</b>
Fundamentals. Biodiversity and ecosystems		12	2
Integrated approaches for public health management		6	1
<b>MODULE 2 – Biology and epidemiology of communicable diseases</b>	Online + in presence	<b>24</b>	<b>4</b>
Communicable diseases in emerging economies		12	2
Host response and nutritional status		12	2
<b>MODULE 3 – Surveillance and diagnostics</b>	In presence	<b>30</b>	<b>5</b>
Methods for diagnosis, surveillance and control of communicable diseases		12	2
Laboratory techniques for zoonotic diseases		12	2
Data analysis (including open-source resources) Fundamentals of experimental scientific research		6	1
<b>PROJECT WORK AND FINAL DISCUSSION</b>		<b>18</b>	<b>3</b>



### TIMETABLE

<b>INTER-DISCIPLINARY MODULES</b> <b>Asynchronous individual activities: MOOC</b> <b>modules – via FEDERICA Platform</b> (please choose 5 among the 6)	<b>2025 Date</b>	<b>Equivalent</b> <b>hours</b>
Sustainable Development and the Challenge of Africa	November	6
Fundamentals of Geopolitics in Cooperation	November	6
Funding Opportunities and Research Proposal Preparation	November	6
Scientific Publication: Access to Databases, Paper Writing, and Valorization	November	6
Ethics of Research and Technology	November	6
From Idea to Impact: Tips for Writing your European Research Proposal	November	6
<b>TOTAL</b>		<b>30 out of 36</b>



Online activities				
MODULE	Title	2025 Date	Time ETH/CET	hours
<b>MODULE 1 - One Health, Global Health e Planetary Health</b>	Introduction of the course – One Health Principles	October 03	13:30 ETH 12:30 CET	3
<b>MODULE 1 - One Health, Global Health e Planetary Health</b>	Critical aspects at the wild-domestic-human interface	October 10	13:30 ETH 12:30 CET	3
<b>MODULE 2 – Biology and epidemiology of communicable diseases</b>	Hemorrhagic fevers - from science to bedside	October 14	13:30 ETH 12:30 CET	3
<b>MODULE 1 - One Health, Global Health e Planetary Health</b>	Epidemiology, Diagnosis and Control of Neglected Tropical Parasitic Diseases: the experience of two WHO collaborating centres	October 24	13:30 ETH 12:30 CET	3
<b>MODULE 2 – Biology and epidemiology of communicable diseases</b>	Control of dog related zoonotic diseases: two case studies on rabies and leishmaniasis	November 14	13:30 ETH 11:30 CET	3
<b>MODULE 1 - One Health, Global Health e Planetary Health</b>	One Health Quantitative Analyst – Biodiversity & Ecosystem Metrics	TBC	TBC	3
<b>MODULE 1 - One Health, Global Health e Planetary Health</b>	Virological infections in LMIC	MOOC lesson	Asynchronous Individual activity	6 Equiv. hours
<b>MODULE 2 – Biology and epidemiology of communicable diseases</b>	Gender-specific differences in susceptibility, prevalence and clinical course of infectious diseases	MOOC lesson	Asynchronous Individual activity	6 Equiv. hours
<b>TOTAL</b>				<b>30</b>





First Week in Presence – College of Veterinary Medicine and Agriculture at Addis Ababa University (AAU) - Bishoftu				
MODULE	Title	2025 Date	Time ETH	hours
<b>MODULE 2 – Biology and epidemiology of communicable diseases</b>	Overview on relevant zoonotic diseases and implementation of one health approach in Ethiopia	December 16	9:00	3
<b>MODULE 2 – Biology and epidemiology of communicable diseases</b>	Group work (PBL methodology) - cases study phase 1	December 16	13:30	3
<b>MODULE 3 – Surveillance and diagnostics</b>	Surveillance approaches	December 17	9:00	3
<b>MODULE 3 – Surveillance and diagnostics</b>	Group work (PBL methodology) - cases study phase 2	December 17	13:30	3
<b>MODULE 3 – Surveillance and diagnostics</b>	Diagnostic approaches	December 18	9:00	3
<b>MODULE 3 – Surveillance and diagnostics</b>	Group work (PBL methodology) - cases study phase 3	December 18	13:30	3
<b>TOTAL</b>				<b>18</b>



Second Week in Presence – Ethiopian Catholic University La Salle (ECUL) - Addis Ababa				
MODULE	Title	2026 Date	Time ETH	hours
<b>MODULE 3 – Surveillance and diagnostics</b>	Statistical methods for data collection and management	January 26	9:00	3
<b>MODULE 3 – Surveillance and diagnostics</b>	Open Source SW	January 26	13:30	3
<b>MODULE 2 – Biology and epidemiology of communicable diseases</b>	Nutritional status in LMI countries	January 27	9:00	3
<b>MODULE 2 – Biology and epidemiology of communicable diseases</b>	Group work – case studies	January 27	13:30	3
<b>MODULE 3 – Surveillance and diagnostics</b>	Methods for diagnostic approaches	January 28	9:00	3
<b>MODULE 3 – Surveillance and diagnostics</b>	Review of Project Works	January 28	13:30	3
<b>MODULE 3 – Surveillance and diagnostics</b>	Field tests	January 29	9:00	3
<b>MODULE 3 – Surveillance and diagnostics</b>	Review of Project Works	January 29	13:30	3
<b>TOTAL</b>				<b>24</b>



## PROJECT WORK AND FINAL DISCUSSION PRESENTATIONS IN ETHIOPIA

Activity	Date	Time ETH	hours
Tutoring during first week in presence at the College of Veterinary Medicine and Agriculture, Addis Ababa University (AAU), Bishoftu	December 2025		6
Tutoring during second week in presence at the Ethiopian Catholic University La Salle (ECUL), Addis Ababa	January 2026		8
Final day including: key note speeches, project work presentations, Q/A and certification awards	January 30th	9:00	4
TOTAL			18