Universidad de Valladolid

ICM - UVa Erasmus+

Cofinanciado por la Unión Europea

(ENGLISH VERSION)

ANNEX TO THE GENERAL CALL FOR ERASMUS+ KA171 INCOMING MOBILITIES (BLENDED INTENSIVE PROGRAMMES – BIPS)

BIP: Biological Carbon Capture Technologies

ACADEMIC YEAR 2025-26

Resolution of the Vice-Rectorate for Internationalization publishing the annex to the general call for Erasmus+ KA171 Blended Intensive Programmes (BIPs) mobilities, academic year 2025–2026, dated December 1st, 2025.

Information regarding the application submission procedure is available on the Notice Board of the Electronic Headquarters of the University of Valladolid at the following link: https://sede.uva.es/tablon/relaciones-internacionales/b0ced896-3094-40de-9431-b7a0ec9fa5c7

It is also available, for information purposes, on the UVAMOBPLUS2 programme website: https://uvamobplus2.uva.es/publico/apply

This annex sets out the participation criteria for the following Erasmus+ BIP programme:

Name of the BIP: Biological Carbon Capture Technologies
Host University: UNIVERSIDAD DE VALLADOLID
Name of the Coordinating Institution: UNIVERSIDAD DE VALLADOLID
Eligible home institutions: Partner institutions of the KA171-135436 project in Region 1 (Western Balkans: Albania)
Academic responsible at UVa: María del Rosario Rodero Raya
Date of the Online and On-Site Modules: • **Online:** July 20-22, 2026 • **On-Site:** July 13-17, 2026
Venue of the On-site Module: VALLADOLID
Summary of the BIP Content: The aim of this Blending Intensive Programme (BIP) Course entitled “Biological Carbon Capture Technologies” is providing an interdisciplinary overview (microbiology, process engineering, modelling) about biotechnologies for carbon capture and its possible applications. These concepts will be comprehensively presented and discussed in this BIP course in order to set the new horizon for a carbon neutral circular carbon economy. The course will be divided into six modules: • **Module 1.** Organic carbon capture and bioconversion via anaerobic non-phototrophic processes

Servicio de Relaciones Internacionales · Casa del Estudiante · Real de Burgos, s/n · 47011 Valladolid · ESPAÑA
Tf. +34 983 186441 · Fax +34 983 423 748
E-mail: ka171.erasmusplus@uva.es · http://www.relint.uva.es/

Universidad de Valladolid

ICM - UVa Erasmus+

Cofinanciado por la Unión Europea

• **Module 2.** Anaerobic microbial cultivation and catalysis for conversion of C1 substrates • **Module 3.** Photosynthetic bioprocesses for carbon capture and recycling • **Module 4**. Microbial protein production coupled to carbon capture • **Module 5**. Microbial electrochemical technologies for resource recovery from gaseous and liquid waste streams • **Module 6**. Techno-economic analysis of bioprocesses
Number of available places: • **Students: maximum of 3 places in total** • **Academic Staff: maximum of 3 places in total**
Academic Requirements: • **Students:** must be enrolled in a PhD program focused on Chemical or Environmental Engineering, Biotechnology, Industrial Production or similar at their home institutions. A background on Biotechnology, Chemical/Environmental Engineering, Environmental/Technological Chemistry is also required. • **Academic Staff:** must be professors of the bachelor and/or master degree in Chemical/Environmental Engineering, Industrial/Environmental Chemistry, Biotechnology or similar at their home institutions.
Language Requirements: English certificate at level B2.
Academic Recognition: The recognition of ECTS credits (students) or training (academic staff) must be carried out by the home institution, and participants must submit a signed certificate of recognition to the University of Valladolid within 60 days after the completion of the BIP.
Application submission period: from the day following the publication of this call on the notice board of the electronic headquarters of the University of Valladolid **until February 20th, 2026.**

In Valladolid, on the date of electronic signature

THE RECTOR

By delegation (according to Rectoral Resolution of May 9, 2022 (BOCYL No. 94 of May 18)) THE VICE-RECTOR FOR INTERNATIONALIZATION.

Signed: Paloma Castro Prieto.

Servicio de Relaciones Internacionales · Casa del Estudiante · Real de Burgos, s/n · 47011 Valladolid · ESPAÑA
Tf. +34 983 186441 · Fax +34 983 423 748
E-mail: ka171.erasmusplus@uva.es · http://www.relint.uva.es/