

Enrollment – Erasmus+ Blended Intensive Programme “Effective solutions for sustainable buildings”

§ 1 General Information

1. The following regulations apply to students enrolling Erasmus+ Blended Intensive Programme within the 2024 year “Effective solutions for sustainable buildings.”

2. The aim of the BIP is:

- Ability to analyze parameters influencing heat and cool load for a building, as well as assessing the thermal quality of building partitions.
- Ability to select and design the optimal HVAC system in a residential building.
- Ability to assess indoor air quality and thermal comfort.

Description of the program.

The course is addressed to students from European universities (Architecture, Civil Engineering, Environmental Engineering, Energy Engineering, Mechanical Engineering) interested in designing modern HVAC installations in low-energy buildings.

According to EU regulations, from the end of 2020, all new buildings must have almost zero energy consumption. One of the ways to achieve this goal is to design proper construction and equip the building with an effective HVAC system. However, it is necessary to ensure good thermal comfort and proper indoor air quality.

The construction of an energy-saving building should start with the selection of the proper design, taking into account the impact of architectural solutions on energy consumption. Then, it is necessary to ensure the optimal thickness and kind of thermal insulation of building external walls. Moreover, a well-designed HVAC system is crucial to achieve low energy consumption and ensure proper indoor air quality, while the best heat/cool source is also an important element.

§ 2 Organization of BIP

1. BIP shall include 2 parts:
 - 5 days on site in Bialystok Poland (BUT) 01.07.2024-05.07.2024.
 - virtual part in a period 08.07.2024 - 19.07.2024.
2. Participation in classes is free of charge.
3. Students shall be obligated to take part in all obligatory activities (lectures, workshops, projects, laboratories, trips to companies, e-learning), while possibly elective activities shall be voluntary to participate.
4. BIP shall be organized with at least 5 students from each guest Higher Education Institution (HEI) participating.
5. Travel, board, and lodging will be organized, and its costs covered, by sending institutions (for more details see the Call as reference).

§ 3 Enrolment process

1. The Enrollment processes from March 28th 2024 and finishes on April 17th 2024.
2. For participation in the BIP are eligible students from the University of Florence - Department of Civil and Environmental Engineering. Courses: Three-year degree in Civil, Building, and Environmental Engineering, Civil and Building Engineering for sustainability and Master's degree in Building Engineering. The priority shall be for students who finished at least four semesters of 1st level study.
3. Knowledge of English at a level enabling communication is

necessary. All classes shall be given in English.

4. Enrolling procedure:

4.1. filling out the Application Form (that shall be available on the website of University Official Register - <http://www.unifi.it/albo-ufficiale.html>)

4.2. delivering filled and signed Application Form with documents that support information included in this Form (copies of certificates, diplomas, etc.) to the teaching staff of the HEI.

5. Selection procedure:

5.1. Each HEI shall set up a Qualifying Committee of 3 teachers. Qualifying Committee members shall be established according to HEIs internal rules.

5.2. The Qualifying Committee shall deliver a list of candidates to BIP taking into account all students who complied with the requirements set out in § 3 points 3 and 4.

5.3. The Qualifying Committee shall consider all applications and will decide on eligibility. The ranking list shall be delivered based on:

- English knowledge,
- Previous academic results,
- Student's activities, work experience,
- Additional information from the application form.

Detailed information shall be given by HEIs and available on their web pages.

5.4. Students will have the right to appeal according to HEI internal rules within 2 days of the date of announcing the final list of candidates qualified for mobility within the Erasmus+ Blended Intensive Programme.

5.5. Students qualified to participate in BIP shall be obligated to sign a contract delivered by administrative staff not later than 7 days after the elected students are acquainted with the final List of Participants.

5.6. Documentation of the enrollment process and Participant Forms of qualified students are sent according to the instructions given in the Call.

§ 4 Final provisions

1. Participants of BIP are obligated to participate in all levels of BIP evaluation.
2. Participants of the BIP shall obtain certificates with information on its contents.