**BLENDED INTENSIVE PROGRAMME (BIP)**

**SM - SUSTAINABLE MATERIALS**

**TIMISOARA 2024**

In addition to helping students learn to work in teams and in multicultural environments, the richness of the BIP lies in the fact that it addresses topics of an innovative nature. Lasting 15 days, this BIP has a workload of eight hours a day, which include theoretical and practical classes, workshops and visits to laboratories and companies.

The lectures will be about sustainable materials in according with the requests and recommendations of the European Union. Similar projects have produced excellent results at an academic and scientific level. On successful completion of the programme the students will be awarded 3 ECTS.

**Projects**

In accordance with the lecture themes, the projects will have practical determinations on materials, realized in laboratories. The samples for testing will be made in the consortium partners university laboratories and tested in Timisoara.

**BIP period:**

The BIP Project will be realized in 3 steps:

1. online 1 (Zoom): 15 March – 12 April;
2. live/face-to-face in Timisoara (Romania): 15 – 19 April;
3. online 2 (Zoom): 22 April – 03 May.

**Draft schedule:**

**a. online 1: 15 March – 12 April**

- Create and manage student groups: international groups of five students each (preferably each student from a different institution); assign a supervisor to each group;

- Meet with supervisor.

- Begin project work.

- Synchronous lectures: Introduction to materials; Introduction to sustainability.

1. **face – to – face in Timisoara (Romania): 15 - 19 April (1 week)**

- Lectures (2 guest lecturers from each BIP partner university).

- Lab work.

- Visit(s) to companies.

- Social activities.

- Mid-term presentations and feedback from supervisors.

1. **online 2: 22 April – 03 May**

- Send reports to supervisors & receive feedback from them.

- Final presentations

- Assessment – by all supervisors together.

**Target group:**

Bachelor (3rd or 4th year) and Master students from the fields of civil engineering, mechanical engineering, material science, chemical engineering, and other related engineering areas

**Number of places:**

* 15 for students from the BIP organizing consortium.
* 10 for students from other universities.

**How to join the BIP?**

Students will be nominated by their home university at incoming@upt.ro. Please mention in the e-mail the following details: name of the BIP, first and last name of the student, field of study, study cycle, and his/her e-mail.

**Nomination deadline:**

February 23rd, 2024

**More details:**

* **For questions regarding the academic contents of the BIP:** catalin.badea@upt.ro, remus.chendes@upt.ro
* **For administrative questions regarding Erasmus+ mobilities** (acceptance letters, learning agreements, accommodation, etc.): incoming@upt.ro
* **Website:** <https://international.upt.ro/en/blended-intensive-programmes/>