



Blended Intensive Programme
University of Bielsko-Biala (Poland)
Virtual component: 6th – 10th November 2023
Physical mobility: 13th – 17th November 2023

BIP topic: Biofuels and Biochemicals from Waste Materials

ABOUT US

The University of Bielsko-Biala was founded in October 2001 as an independent governmental academic institution. At present, about 5,000 students study at five faculties: Faculty of Mechanical Engineering and Computer Science; Faculty of Materials, Civil and Environmental Engineering; Faculty of Management and Transport; Faculty of Humanities and Social Sciences, and Faculty of Health Sciences. The University employs about 400 people, including 200 experienced professors and other academic staff. As the only state educational institution in the Podbeskidzie region which provides tertiary education, the University of Bielsko-Biala has a vibrant community of ambitious individuals who contribute to the University's research and didactic potential by constantly attaining their professional, educational and social goals. The University is firmly rooted in the region which is reflected in various enterprises with members of the community and also in its research interests.

Students from first and second cycle of environmental sciences, power engineering, chemical technology and agricultural science and engineering field of studies are welcome to join us for our Blended Intensive Programme in November 2023!





Virtual component consists of 12 hours of given lectures in online form based on theoretical introduction to all workshops, and laboratories run during the physical mobility.

Number of credits for BIP – 3 ECTS

Practical information for physical component:

- Venue: Campus of the University of Bielsko-Biala, ul. Willowa 2
- Dates: 13-17 November 2023

PROGRAMME

Sunday, 12th November

Accommodation in Bielsko-Biala

Monday, 13th November

- 08:30>09:00 Registration and morning coffee
09:00>09:15 Official opening of the Intensive Blende Programme and welcome of the guests
09:15>10:00 Presentation of the University of Bielsko-Biala and its academic campus
10:00>10:45 *Poland and Bielsko-Biala – a city of many possibilities for foreign students*
10:45>11:00 Coffee break
11:00>11:45 *Get to know each other – integration workshop*
11:45>12:15 *We speak Polish – what's your superpower?*
12:15>12:30 *Project assignment – explanation of the projects - prof. Mariusz Kuglarz*
12:30>13:00 Lunch
13:00>14:30 *Materials characterisation, biofuels and biochemicals from waste materials – introduction – prof. Mariusz Kuglarz*
14:30>16:00 *Materials characterisation, biofuels and biochemicals from waste materials – laboratories – prof. Mariusz Kuglarz*
19:00 Official dinner



Tuesday, 14th November

- 08:00>11:00 *Excursion to municipal wastewater plant* – practical workshops - prof. Mariusz Kuglarz
- 11:00>13:15 *Biodiesel laboratory in industry* – practical workshops – Mirosław Wyszomirski, PhD
- 13:15>14:00 Lunch
- 14:00>16:15 *Biogas production from biomass* – practical workshops – prof. Mariusz Kuglarz

In the afternoon - Guided city tour

Wednesday, 15th November

- 08:30>09:00 Registration and morning coffee
- 09:00>10:30 *Analytical methods of environmental samples* – prof. Bożena Mrowiec
- 10:30>12:00 *Biomimetics – workshops* – Monika Rom, PhD
- 12:00>12:45 Lunch
- 12:45>14:15 *Application of Corrosion Engineering* – workshops – Tobiasz Gabryś, MSc and Tomasz Kukulski MSc (PhD students)
- 14:15>16:30 *Analysis of chemicals compounds using infrared spectroscopic methods* – prof. Dorota Biniś and prof. Włodzimierz Biniś
- 16:30>17:15 Early dinner

Thursday, 16th November

- 08:00>17:00 *Excursion to Wieliczka Salt Mine (<https://www.kopalnia.pl/>)* with visit to Cracow

Friday, 17th November

- 08:30>09:00 Registration and morning coffee
- 09:00>11:15 Group project presentation
- 11:15>12:45 *Design thinking* – workshops
- 12:45>14:00 BIP evaluation & Certificates
- 14:00>14:45 Lunch