

Summer Internship for Ukrainian students
at the Faculty of Environment, UJEP
(April, 2 –July 31, 2022)

From April 2 till July 31, 2022 the Internship for the Ukrainian students was organized at the Faculty of Environment UJEP. It was an initiative of the university faculty members, respected university authority and the Czech government as supporting actions of Ukraine.

Ten students from Ukraine were accepted for the internship, namely: Kateryna Shandura, Anastasiia Moskovets, Sofia Malivanchuk – Institute of Biology and Medicine, Taras Shevchenko National University of Kyiv; Sofia Ivanova, Biological Faculty, Taras Shevchenko National University of Kyiv; Kateryna Okopna - Physical Faculty, Taras Shevchenko National University of Kyiv; Oleksandr Snigur- Faculty of Natural Sciences, National University of Kyiv Mohyla Academy; Lahoiko Anastasiia, Faculty of Plant Protection, Biotechnology and Ecology, National University of Life and Environmental Sciences of Ukraine, Kyiv; Mariia Bondaruk and Halyna Fedoriv - Faculty of Chemistry and Biology, Ternopil Volodymyr Hnatiuk National Pedagogical University, Ternopil.

The Internship was designed in a manner that students were involved in the different scientific projects on-going at the Faculty and in parallel could continue to study online at their home university in Ukraine. Students assisted in each day activities in the following projects: a) new substances for optimization the biomass of energy crops, b) evaluation the Miscanthus value chain; c) indication the changing of the Environment by targeted plants; d) development methodology for identification of the polluted sources using drones. While at the activities within scientific projects students gained an important considerable experience and skills for their future carrier.

An accredited course “Bioremediation and Phytoremediation” (in English) was offered to students in which instructors from UJEP: Dr.Trogl, prof. Pidlisniuk, Dr.Al Souki, Mgr.Ato Newton and the faculty member from TU-Freiberg, Germany Dr.Sabrina Hedrich were involved. Six students successfully accomplished the course and received a confirmation of the study period. Ukrainian students had a possibility to attend the Bachelor courses “General Chemistry” and “Ecology” (in the Czech language) offered at the Faculty by Dr. Bůžek and Dr. Holcová, respectively, and were introduced the Czech intensive course at the Faculty of Philology.



During four months, students completed a lot of curious tasks and proudly took responsibility for them. Beside studying and practical accomplishment of exercises they had the opportunity to visit various concerts, exhibitions, museums, including in Prague and gained cultural spirit in the heart of the Czech Republic. Ukrainian students have been grateful for the opportunity to stay at FZP UJEP at the Summer Internship. Three students made a decision to continue the education at the Faculty of Environment, UJEP and other students left UJEP for their home universities.



"During the period of practice, I actually managed to gain a lot of skills, i.e., from new plant measurement techniques to filling in data and protocols. Working with Miscanthus plant gave me a valuable experience and I hope that will soon be able to adopt this experience in my country. I participated in long-term experiment at the field in Chomutov, and was involved in planting a field with Miscanthus in Malkov. Another interesting thing was that I managed to combine a fascinating student life with the educational process and experiments. I am going home from practice under the impression!" Mariia Bondaruk, Ternopil Volodymyr Hnatiuk National Pedagogical University.





«I would like to thank for possibility to participate in CORNET MiscanValue project, which gave me the experience of working with interesting people and professors, who became great mentors for us. It's wonderful when study time brings not only new knowledge and skills, but also gives wise people around.

I heard earlier about Miscanthus plant and its exploitation in phytoremediation with biomass production. However, being here at UJEP, I managed to work in experiment with this plant. Everyone found a role in this project with Miscanthus, and we participated in the field and laboratory research at Chomutov”

Kateryna Shadura, Taras Shevchenko National University of Kyiv.



“Bioremediation&Phytoremediation” is a great course that I would recommend to others. The lecturers explained theory nicely, therefore, the course was very easy to listen. Furthermore, we did some small projects. I’m sure everyone found it very interesting and useful. The knowledge from this course is really valuable”.

Anastasiia Moskovets, Taras Shevchenko National University of Kyiv.

“The course had a good content. The lectures were very clear and helpful for the learning process. It increased my knowledge about Bioremediation and Phytoremediation. After lectures we prepared a small project and passed test, which challenged my learning skills. I’m sure, it will be helpful for me in the future”.

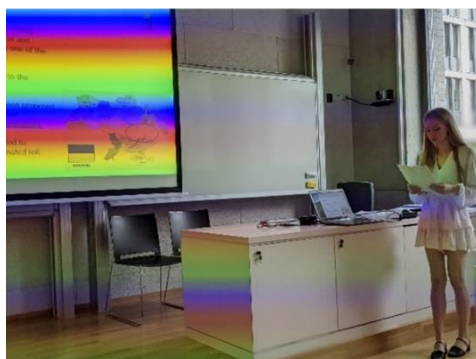
Sofiia Malivanchuk, Taras Shevchenko National University of Kyiv.

Practice





Course “*Bioremediation&Phytoremediation*”



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