



Ministry of Foreign Affairs
of the Czech Republic

Certificate of Completion

Serhii Bashlai

has completed a **180-hour / 6 ECTS** credits international internship between **12.11.2025** and **19.12.2025**, organized in the framework of the development project

“AgriSci-UA Platform: Strengthening Research Capacities and Deepening Collaboration Among Ukrainian Universities in Agricultural Sciences “

Online learning: from November 12 to December 14, 2025

Short-time mobility visit to CZU: from December 15 to December 19, 2025

Learning result: development of professional competencies

Certificate number: AW2025/012

Guaranteed by: _____

Assoc. Prof. Ing. Hynek Roubík, Ph.D.
Dean Faculty of Tropical AgriSciences
Czech University of Life Sciences Prague

Prague, December 19th, 2025



Ministry of Foreign Affairs
of the Czech Republic



The Certificate Supplement

Certificate number: AW2025/012

1. Information about the certificate holder

Surname and name **Serhii Bashlai**

2. General information about the event

Title: International internship for researchers "Supporting collaboration and research development in topics related to war-related environmental and agricultural challenges"

Amount: 180 hours / 6 ECTS credits

Internship period: from November 12 to December 19, 2025

Form of study: Combined learning

Online learning: from November 12 to December 14, 2025

Visit to the Faculty of Tropical AgriSciences, Czech University of Life Sciences Prague (CZU): from December 15 to December 19, 2025

Participant category: scientific and pedagogical workers

Learning result: development of professional competencies

Certificate issue date: December 19, 2025

Place of internship: Prague, Czech Republic

3. Internship organizer:

- Faculty of Tropical AgriSciences, Czech University of Life Sciences Prague (CZU)
Kamýcká 129 165 00 Praha – Suchbát, Czech Republic
- The BioResources and Technology (BRT) - FTZ Research group

in the framework of the development project "AgriSci-UA Platform: Strengthening Research Capacities and Deepening Collaboration Among Ukrainian Universities in Agricultural Sciences "

Internship project leader:

Assoc. Prof. Ing. **Hynek Roubík**, Ph.D. Dean Faculty of Tropical AgriSciences Czech University of Life Sciences Prague

Detailed information about the educational components of the internship

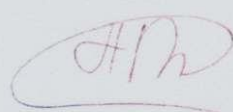
No	Name of the training module	Form of study	ECTS credits	Academic hour
THEORETICAL PART (online lectures)				
1	In Vitro Technologies	Lecture	0,27	8
2	Energy audits – quantifications and how to apply them. Sustainable green industries and how can be further examined and researched. c. Fuel energy consumption quantifications	Lecture	0,27	8
3	Sustainable Biotechnology. b. Introduction to environmental protection. c. Bibliometric Analysis Using VOSviewer: A Case Study in Environmental Engineering	Lecture	0,27	8
4	Food Processing & Food Security, Dietary Aspects of Food Consumption, Development Projects, Aquaculture	Lecture	0,13	4
5	Environmental Impact Assessments, Multi-Level Perspective	Lecture	0,13	4
6	Laboratory Techniques, Anaerobic Digestion, Microbial Communities in Biogas Production, Data Analysis and Interpretation in Agricultural Experiments	Lecture	0,27	8
7	Introduction to Policy. Agricultural Policy. Food security	Lecture	0,27	8
8	How to prepare a Scientific poster. Life Cycle Assessment - what is it and how to use it. Life Cycle Cost Analysis - what is it and how to use it. Modelling of different wastewater scenarios	Lecture	0,27	8
9	Global warming potential – what is it and how we calculate it? Impact of human activities on global climate change. Use of IPCC reports and handbooks. Useful tools for quantification.	Lecture	0,13	4
			Total	
			2	60
SHORT-TERM MOBILITY PART				
10	Meetings with scientists from CZU discussing scientific cooperation (joint publications and projects).	Workshop	0,27	8
11	Establishment of further cooperation with	Workshop	0,27	8

	experts outside the CZU.			
12	Meetings with scientists. Discussion about future steps regarding joint research. Discussions about the possibility of increasing students and scientific staff exchange.	Workshop	0,27	8
13	Participation in research activities at the CZU.	Workshop	0,27	8
14	Participation in courses and visits to laboratories.	Workshop	0,27	8
			Total	
			1,3	40
INDIVIDUAL PART				
15	Develop a research project in newly established or existing multidisciplinary research teams within the AgriSciences Platform (AgriSci-UA project)	Independent work	2,7	80
			Total	
			6	180

7. Conditions for obtaining a certificate

The certificate and certificate supplement are awarded to **Serhii Bashlai**, who has completed 180 hours of training, completed the entire course of lectures, fulfilled the tasks provided by the program, and applied for and received a mobility grant.

Guaranteed by: _____



Assoc. Prof. Ing. Hynek Roubík, Ph.D. Dean
Faculty of Tropical AgriSciences
Czech University of Life Sciences Prague

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