

**PROGRAM**

**for academic and pedagogical staff training**

**«Development of bioenergy potential in agriculture»**

Certificate – 3.0 ECTS credits (90 hours)

32 teaching hours and 58 non-contact hours

Number of participants: 40 – 45 people

Category of participants: scientists, academic and pedagogical staff

Duration: 29.03.2024 – 12.04.2024

Kyiv – 2024

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| **Day, topic, credits, control** | **Moderator** |
| Day 1 (29.03.2024)  1. The topic: TREATY project in the frame of the EIT HEI Initiative «Innovation Capacity Building for Higher Education». General information about the program «Nurturing deep tech talents for clean and sustainable energy transition».  The topic: "Main problems of production and use of biofuels in agroecosystems".  ***4 hours (2 lectures and 2 seminars)*** | Prof. Gennadii GOLUB |
| Day 2 (01.04.2024)  2. The topic: "Developing the bioenergy potential of agricultural production".  ***4 hours (2 lectures and 2 seminars)*** | Prof. Gennadii GOLUB |
| Day 3 (02.04.2024)  3. The topic: "Modern trends in the development of technologies for the production of gaseous fuels from biomass".  ***4 hours (2 lectures and 2 seminars)*** | Assoc. Prof. Nataliya TSYVENKOVA |
| Day 4 (03.04.2024)  4. The topic: "Modern trends in the development of technologies for the production of solid and liquid fuels from biomass".  ***4 hours (2 lectures and 2 seminars)*** | Assoc. Prof. Nataliya TSYVENKOVA |

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| Day 5 (04.04.2024)  5. The topic: "Mechatronic approaches in the process of realising the bio-energetic potential of agricultural production".  ***4 hours (2 lectures and 2 seminars)*** | Prof. Yurii RomasevYch |
| Day 6 (05.04.2024)  6. The topic: "Smart systems and their role in the development of the bio-energetic potential of agricultural production".  ***4 hours (2 lectures and 2 seminars)*** | Prof. Yurii RomasevYch |
| Day 7 (08.04.2024)  7. The topic: "The role of engineering management in the development of clean and sustainable energy technologies".  ***4 hours (2 lectures and 2 seminars)*** | Assoc. Prof. Lyubov SHYMKO |
| Day 8 (09.04.2024)  8. The topic: "Engineering management methods for a clean and sustainable energy transition”.  ***4 hours (2 lectures and 2 seminars)*** | Assoc. Prof. Lyubov SHYMKO |
| Day 9 (10.04.2024)  **Control test.** | Prof. Gennadii GOLUB |
| Day 10 (12.04.2024)  Summarizing. Presentation of certificates to graduates. | Prof. Gennadii GOLUB  Prof. Yurii RomasevYch  Assoc. Prof. Lyubov SHYMKO  Assoc. Prof. Nataliya TSYVENKOVA |



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