Erasmus Blended Intensive Program (BIP)

at Vytautas Magnus University Faculty of Bioeconomy Development

May 12-16th, 2025   **Kaunas, Lithuania**

AI in economic modelling

The mainstream artificial intelligence methods mainly comprise neural networks, fuzzy systems and probabilistic reasoning as well as novel evolutionary computing methods for optimization. The basic methods of artificial intelligence, explainable artificial intelligence and optimization for economic model construction and computer simulation are considered. The corresponding traditional mathematical and statistical methods are also considered briefly for the sake of comparison. Mainly MatlabTM , R (with Jamovi) and SPSS are used in demos and simulations (no previous knowledge on these are required, R and Jamovi are free software).

Registration deadline February 17th, 2025

Registration link

Virtual component: 05/05/2025 (Introduction to the course)
Physical mobility part: 12/05/2025 - 16/05/2024
Extent of the course: 3 ECTS

Target group of the planned course: PhD Students in Economics and related fields
Requirements: English language level B2.
Available funding: Erasmus short-term mobility grant (79€/day), to be managed by the sending institution.
Costs to be covered by students: Travel to Kaunas, accommodation, and meals.
Lunch is included in the program and provided by VMU Agriculture Academy.

Coordinators and contact persons:

Dr. Monika Medikienė, International Coordinator. E-mail: monika.medikiene@vdu.lt;

Dr. Ekaterina Makrickienė, International Coordinator, e-mail: ekaterina.makrickiene@vdu.lt;

Course leader:

Dr. Vesa Niskanen, professor at Vytautas Magnus University (Lithuania) and University of Helsinki (Finland), e-mail: vesa.niskanen@vdu.lt.