



Faculty of Economics  
and Management

## **GENERAL PhD THESIS TOPIC FOR ADMISSION PROCEEDINGS FOR THE DOCTORAL STUDY PROGRAMMES OF FEM IN THE YEAR 2024**

General PhD thesis topics of candidates were discussed by the relevant Doctoral Programme Board.

The topic of PhD thesis must be consulted with the supervisor who offers the topic before submitting the study application.

### **DOCTORAL STUDY PROGRAMME**

Systems Engineering and Informatics

prof. Ing. Luboš Smutka, Ph.D.  
Vice-Dean for Science and Research

In Prague 17/3/2024

SUPERVISOR	GENERAL TOPIC PHD THESIS
doc. Bartoška Jan	Advanced project management techniques and methods (AGILE, CCM, Semantic Project Management Model)
prof. Brožová Helena	Models of the decision maker's behaviour in the decision-making process
doc. Dömeová Ludmila	Mathematical models in decision support
doc. Tatiana Guy	Adaptive Dynamic Human-Centered AI
doc. Houška Milan	Knowledge modelling
doc. Jarolímek Jan	Digital transformation in selected areas (e-Government, Agriculture 5.0, life sciences, ...)
doc. Merunka Vojtěch	Process paradigm or new database technologies and programming paradigms in requirements modelling for software development.
doc. Prášilová Marie	Statistical processing of large data sets
doc. Šilerová Edita	Creation and innovation of information systems
doc. Šimek Pavel	Development of applications and methods for advanced data processing
prof. Špička Jindřich	Machine learning in the development of predictive models
doc. Šubrt Tomáš	Development of quantitative approaches in project management
doc. Šubrt Tomáš	Mathematical models of logistics systems
doc. Ulman Miloš	Data management and data governance in life sciences
doc. Tyrychtr	New approaches in advanced data analysis in Business Intelligence
doc. Vaněk Jiří	Digital transformation - architecture, security and other aspects of current ICT development
doc. Veselý Arnošt	Artificial intelligence methods for decision support