Faculty of Economics and Management

GENERAL PhD THESIS TOPIC FOR ADMISSION PROCEEDINGS FOR THE DOCTORAL STUDY PROGRAMMES OF FEM IN THE YEAR 2025

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

doc. Ing. Jan Tyrychtr, Ph.D.
Vice-Dean for Science and Research

In Prague 10/3/2025

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
prof.	Brožová Helena	Systems dynamics models
doc.	Tatiana Guy	Adaptive Dynamic Human-Centered AI
doc.	Hlavsa Tomáš	Advanced statistical data mining techniques
doc.	Houška Milan	Mathematical models under conditions of uncertainty
doc.	Houška Milan	Knowledge modelling
doc.	Jarolímek Jan	Digital transformation in selected areas (e-Government, Agriculture 5.0, life sciences, …)
doc.	Masner Jan	Artificial intelligence methods for data analysis in life sciences
doc.	Masner Jan	Advanced methods of user experience and app usability
doc.	Merunka Vojtěch	Graph databases and the object-process paradigm in requirements modeling and software design.
doc.	Pelikán Martin	AI tools for decision-making support
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.	Stočes Michal	Internet of Things and data management in life Sciences
doc.	Šubrt Tomáš	Development of quantitative approaches in project management
doc.	Šubrt Tomáš	Mathematical models of logistics systems
doc.	Tyrychtr	Business Intelligence and machine learning, artificial intelligence and data science approaches
doc.	Vaněk Jiří	Digital transformation - architecture, security and other aspects of current ICT development

| doc. | Veselý Arnošt | Artificial intelligence methods for decision support |