UGC supported projects

project number	project name	Main researchers	Faculty	Research area
82/2021	Lockdown period in the Czech Republic: Effect of human activity on animals' spatial behavior and energy expenditure	Ing. Monika Faltusová	FFWS	Agricultural and Veterinary Sciences
80/2021	Long-term disturbance dynamics as a driver of abundance and diversity of tree-related microhabitats in primary forests in Europe	Ing. Michal Frankovič	FFWS	Agricultural and Veterinary Sciences
49/2021	Evaluation of nanotechnology products for the preparation of encapsulated algae and other alternative food sources in the nutrition of filter feeders	B.Sc. Ing. Laura Alejandra Lamilla Tamayo	FAFNR	Agricultural and Veterinary Sciences
78/2021	Species-specific response to natural disturbances and its effect on forest structure and aboveground biomass in temperate European primary mountain forests	Dheeraj Ralhan, MSc	FFWS	Agricultural and Veterinary Sciences
79/2021	Morphological and genetic characterization of Ricinodendron heudelotii (Baill.) Heckel in natural and domesticated populations in Cameroon	Choungo Nguekeng Patrick Bustrel, M.Sc.	FTA	Agricultural and Veterinary Sciences
35/2021	Molecular interactome of the parasite Schistosoma mansoni and its human host	Ing. Štěpánka Nedvědová	FAFNR	Agricultural and Veterinary Sciences
59/2021	Vulnerability of selected fodder production to support the demand of livestock and renewable energy sectors under climate change conditions	MD Rafique Ahasan Chawdhery	FAFNR	Agricultural and Veterinary Sciences
75/2021	3D odor maps in forest ecosystems for early stress detection	Ing. Tereza Hüttnerová	FFWS	Agricultural and Veterinary Sciences
84/2021	Is biological nitrification inhibition (BNI) shaping the diversity of arbuscular mycorrhizal fungi to increase nitrogen use efficiency?	Tariku Olana Jawo	FTA	Agricultural and Veterinary Sciences
39/2021	Edible insects as a novel food – microbiological and chemical risk assessment	Ing. Dora Petříčková	FAPPZ	Agricultural and Veterinary Sciences
42/2021	Welfare improvement of group housed rabbit does through environmental conditions	Ing. Ondřej Krunt	FAPPZ	Agricultural and Veterinary Sciences
62/2021	Comparison of accommodation speed and reading accuracy for classic and digital rear-view mirrors with emphasis on driving performance and overall traffic safety	Sudeep Sangamesh Babu, Dipl. Ing.	FE	Engineering and Technology
58/2021	Research of thermoplastic materials based on filler from textile waste	Ing. Hana Pouzarová	FE	Engineering and Technology
27/2021	Influence of organic fertilizers and its dosing on water erosion parameters	Ing. Pavel Brož	FE	Engineering and Technology
52/2021	Properties assessment of organic compounds based on novel molecular descriptors and machine learning methods	MSc. Xuejing Kang, MSc.	FES	Nature sciences
71/2021	Unexplored aspects of insect mating behaviour: parasitic manipulations and necrophilic inclination in ladybirds	Ing. Michal Řeřicha	FES	Nature sciences
60/2021	Sewage sludge for sustainable brownfield reclamation: exploring the mineralogy behind the sludge	Aikaterini Mitzia	FES	Nature sciences
36/2021	Application of HMM and HSMM for the analysis of the animal behavioural data	Ing. Veronika Firlová	FES	Nature sciences
65/2021	Water Cycle Intensification Over the Czech Republic	Mijael Rodrigo Vargas Godoy	FES	Nature sciences
43/2021	Identifying drivers of sampling effort within and among taxonomic target groups	Ing. Petr Balej	FES	Nature sciences
31/2021	Cuneiform analysis using Convolutional Neural Networks	Ing. Adéla Hamplová	FEM	Social Sciences and Humanities and Arts
70/2021	Meta-analysis of Factors Affecting Virtual Team Effectiveness	Ing. Tereza Šímová	FEM	Social Sciences and Humanities and Arts
51/2021	AN ASSESSMENT OF THE ROLE OF INSTITUTIONS IN ENABLING DEVELOPMENT IN AFRICA	Seth Nana Kwame Appiah-Kubi	FEM	Social Sciences and Humanities and Arts
41/2021	Understanding the new discourses in the world of food policy: a dive into social media	Bianca Minotti, MSc	FEM	Social Sciences and Humanities and Arts