

Tematy prac magisterskich - Global change biology - rok akademicki 2022/2023

Lp.	Wykładowca	Temat	Charakter pracy (teoretyczna czy praktyczna)
1.	prof. dr hab. Katarzyna Hryniewicz	Research on endophytes promoting the growth of the perennial crop Kernza	practical
2.	dr hab. Marcin Koprowski, prof. UMK	Growth dynamic of pine trees after intensive fertilization in the Ilawa forest district	practical
3.	dr hab. Marcin Koprowski, prof. UMK	Intra annual density fluctuations in trees from selected sites in Poland	practical
4.	dr hab. Marcin Koprowski, prof. UMK	Variation of wood cell size under drought conditions during vegetation period	practical
5.	dr hab. Agnieszka Piernik, prof. UMK	Assessment of changes within Natura 2000 habitats	practical - data collection and management, field work as supplementary
6.	dr hab. Agnieszka Piernik, prof. UMK	Changes in functional traits of glycophytes in the gradient of soil salinity	practical
7.	dr hab. Agnieszka Piernik, prof. UMK	Functional traits of species from natural and human affected habitats	practical
8.	dr hab. Michał Wojciechowski, prof. UMK	Heat production and heat loss in small passerines	practical
9.	dr hab. Michał Wojciechowski, prof. UMK	Heat production and heat loss in bats	practical
10.	dr hab. Michał Wojciechowski, prof. UMK	Nest box use in Bory Tucholskie	practical
11.	dr Magdalena Czarnecka (z puli dr hab. Janusza Żbikowskiego, prof. UMK)	Night time ecology: the functional response of predator under light pollution in aquatic environment.	practical
12.	dr Magdalena Czarnecka (z puli dr hab. Janusza Żbikowskiego, prof. UMK)	Mitigating the ecological impact of light pollution on aquatic invertebrates with amber LED light.	practical
13.	dr Bliss Furtado (z puli prof. dr hab. Katarzyny Hryniewicz)	Effect of inoculation and salinity on grass	practical
14.	dr Agnieszka Ludwiczak (pula dr hab. Agnieszki Piernik, prof. UMK)	Halophytes as phytoremediators	practical
15.	dr Agnieszka Pawelek (z puli prof. dr hab. Adrian Szmida-Jaworskiej)	Expression of calcium dependent protein kinase gene (CPK5) in Arabidopsis thaliana under the influence of electric and electromagnetic fields	practical
16.	dr Agnieszka Pawelek (z puli prof. dr hab. Adrian Szmida-Jaworskiej)	Activity studies of enzymes (CPK, POD, PPO) involved in the control of phytoalexin synthesis in Hippocrepis hybridum	practical