



Międzynarodowa Środowiskowa Szkoła Doktorska przy Centrum Studiów Polarnych w Uniwersytecie Śląskim w Katowicach

Programme of online courses offered by the International Environmental Doctoral School

Lecturer	Course	Lecture/seminar	Teaching hours	Online: YES/NO	Date/hours	Online platform
Module: The application of remote sensing and GIS in the study of natural environment, including computer analysis of images (Coordinated by: Faculty of Natural Sciences University of Silesia)						
Dr Joanna Szafranec	GIS and remote sensing in environment studies	Lecture+seminar	6	YES	29/04/2020 10.00-16.00	Skype
Module: Biomaterials and tissue engineering (Coordinated by: Faculty of Science and Technology University of Silesia)						
Dr hab. Tomasz Goryczka, prof. UŚ	XRD for materials characterization – basics and applications	Lecture	3	YES	16/04/2020 9.00-11.15	Skype
Dr inż. Sylwia Golba	Characteristics and applications of engineering materials in medicine, with particular regard to polymeric materials	Lecture	3	YES	16/04/2020 12.00-14.15	MOODLE
Dr hab. Andrzej Swinarew prof. UŚ	Porous carbon materials based on polyurethanes for applications in medical diagnostic	Lecture+seminar	2	YES	17/04/2020 10.00-12.00	Skype/Hangout
Dr hab. Andrzej Swinarew prof. UŚ	Respiratory phase diagnostics as a screening tool for assessing metabolic changes during exposure to volatile and solid state nano particle (PM) compound	Lecture+seminar	2	YES	17/04/2020 12.00-14.00	Skype/Hangout
Dr hab. Andrzej Swinarew prof. UŚ	Fast screening breath analysis supported with neuron network for diagnostics of Pulmonary Arterial Hypertension (PAH)	Lecture+seminar	2	YES	17/04/2020 14.00-16.00	Skype/Hangout
Dr hab. Andrzej Szymon Swinarew prof. UŚ	3D tissue scaffolds in the reconstruction of an larynx	Lecture+seminar	2	YES	17/04/2020 16.00-18.00	Skype/Hangout
Module: Methodological workshop (Coordinated by: Faculty of Natural Sciences University of Silesia)						
Dr hab. Michał Łuszczuk, (Maria Curie Skłodowska Univeristy)	Social sciences and humanities perspective on global climate change.	Lecture+seminar	3	YES	28/04/2020 10.00-12.30	Skype/ MicrosoftTeams
Dr hab. Michał Łuszczuk, (Maria Curie Skłodowska Univeristy)	How to successfully apply for a research grant?	Lecture+seminar	3	YES	7/05/2020 10.00-12.30	Skype/ MicrosoftTeams