

**Schedule for Doctoral School, second year, winter semester (II, 3) - academic year 2024/2025**

No	Date	Time	Lecture room	Lecturer	Subjects	Requirements	Number of hours	Location
1	18.10.2024	09:45 - 11:15	L121	dr hab. inż. Łukasz Amanowicz, prof. PP	Renewable heat of the ground in energy - efficient ventilation systems	compulsory	2	L051 Piotrowo 2, Lecture Center
		11:45 - 13:15	L121	dr hab. inż. Łukasz Amanowicz, prof. PP	Renewable heat of the ground in energy - efficient ventilation systems	compulsory	2	
		13:30 - 15:00	L121	dr hab. inż. Stefan Brock, prof. PP	Data driven control systems - concepts, methods and applications	compulsory	2	
		15:10 - 16:40	L122	dr hab. inż. Paulina Golińska-Dawson, prof. PP	Challenges in the logistics, production and supply chain management in circular economy business models - from theory to practice	compulsory / elective	2	
2	25.10.2024	08:00 - 09:30	L051	dr Filip Karaśkiewicz	Six Sigma methodology in production management	elective	2	L122 Piotrowo 2, Lecture Center
		09:45 - 11:15	L051	dr hab. inż. Jacek Zak, prof. PP	Harvard University Case Study Method	elective	2	L121 Piotrowo 2, Lecture Center
		11:45 - 13:15	L051	dr hab. inż. Jacek Zak, prof. PP	Decision Aiding for Engineering and Management	compulsory	2	
		13:30 - 15:00	L051	prof. dr hab. inż. Krzysztof Wesolowski	Advanced DSP techniques for wireless communication	compulsory	2	113 Jana Pawła II 24, Mechatronics, Biomechanics and Nanotechnology Centre
		15:10 - 16:40	L051	dr Jakub Pawlak	Roles of team members in the management process - selected aspects	elective	2	
		16:50 - 18:20	L051	dr hab. inż. Łukasz Amanowicz, prof. PP	Renewable heat of the ground in energy - efficient ventilation systems	compulsory	2	
08:00 - 09:30	L121	dr hab. inż. Łukasz Piątkowski, prof. PP	Physical Methods for Biological Membranes Research	compulsory / elective	2			
3	08.11.2024	09:45 - 11:15	113	dr hab. inż. Stefan Brock, prof. PP	Data driven control systems - concepts, methods and applications	compulsory	2	113 Jana Pawła II 24, Mechatronics, Biomechanics and Nanotechnology Centre
		11:45 - 13:15	113	dr hab. inż. arch. Marta Pieczara	Perception psychology	compulsory	2	
		13:30 - 15:00	113	dr hab. inż. Łukasz Amanowicz, prof. PP	Renewable heat of the ground in energy - efficient ventilation systems	compulsory	2	
		15:10 - 16:40	L121	prof. dr hab. inż. Piotr Skrzypczyński	Selected problems in simultaneous localization and mapping	compulsory / elective	2	
		16:50 - 18:20	L121	dr hab. inż. Wojciech Smulek	Bioavailability of xenobiotics - environmental and toxicological aspects	compulsory / elective	2	
		08:00 - 09:30	L051	dr hab. inż. Paulina Golińska-Dawson, prof. PP	Challenges in the logistics, production and supply chain management in circular economy business models - from theory to practice	compulsory / elective	2	
4	15.11.2024	09:45 - 11:15	113	dr hab. inż. Stefan Brock, prof. PP	Data driven control systems - concepts, methods and applications	compulsory	2	113 Jana Pawła II 24, Mechatronics, Biomechanics and Nanotechnology Centre
		11:45 - 13:15	113	dr hab. inż. arch. Marta Pieczara	Perception psychology	compulsory	2	
		13:30 - 15:00	L121	prof. dr hab. inż. Krzysztof Wesolowski	Advanced DSP techniques for wireless communication	compulsory	2	
		15:10 - 16:40	L122	dr hab. inż. Łukasz Wojciechowski, prof. PP	Towards green tribology: development of new lubricants and materials for sustainable engineering	compulsory / elective	2	
		17:00 - 18:30	online*	prof. Christopher Brown	Multiscale metrology	compulsory / elective	2	
		08:00 - 09:30	L121	Nuala Mederski, MA	Specialist English language course: writing skills	noncompulsory	2	
5	22.11.2024	09:45 - 11:15	L051	dr hab. inż. Jacek Zak, prof. PP	Harvard University Case Study Method	elective	2	113 Jana Pawła II 24, Mechatronics, Biomechanics and Nanotechnology Centre
		11:45 - 13:15	L051	dr hab. inż. Jacek Zak, prof. PP	Decision Aiding for Engineering and Management	compulsory	2	
		13:30 - 15:00	L051	dr Jakub Pawlak	Roles of team members in the management process - selected aspects	elective	2	
		17:00 - 18:30	online*	prof. Christopher Brown	Multiscale metrology	compulsory / elective	2	
		08:00 - 09:30	L121	dr hab. inż. Izabela Czekaj, prof. PK	Biofuels and Bioresources	compulsory / elective	2	
6	29.11.2024	09:45 - 11:15	L121	dr hab. inż. Izabela Czekaj, prof. PK	Biofuels and Bioresources	compulsory / elective	2	113 Jana Pawła II 24, Mechatronics, Biomechanics and Nanotechnology Centre
		11:45 - 13:15	L121	prof. dr hab. inż. Krzysztof Wesolowski	Advanced DSP techniques for wireless communication	compulsory	2	
		13:30 - 15:00	L121	dr hab. inż. arch. Marta Pieczara	Perception psychology	compulsory	2	
		15:10 - 16:40	L121	dr hab. inż. Stefan Brock, prof. PP	Data driven control systems - concepts, methods and applications	compulsory	2	
		16:50 - 18:20	L121	dr hab. inż. Krzysztof Fic, prof. PP	"Redox or non-redox... That is the question" - towards understanding electrochemistry and energy conversion/storage processes	compulsory	2	
		08:00 - 09:30	L121	Nuala Mederski, MA	Specialist English language course: writing skills	noncompulsory	2	
7	06.12.2024	09:45 - 11:15	L121	Nuala Mederski, MA	Specialist English language course: writing skills	noncompulsory	2	113 Jana Pawła II 24, Mechatronics, Biomechanics and Nanotechnology Centre
		11:45 - 13:15	L121	dr hab. inż. arch. Marta Pieczara	Perception psychology	compulsory	2	
		13:30 - 15:00	L121	prof. dr hab. inż. Piotr Skrzypczyński	Selected problems in simultaneous localization and mapping	compulsory / elective	2	
		15:10 - 16:40	L051	dr hab. inż. Łukasz Wojciechowski, prof. PP	Towards green tribology: development of new lubricants and materials for sustainable engineering	compulsory / elective	2	
		16:50 - 18:20	L121	dr hab. inż. Marek Szostak, prof. PP	Processing of polymeric materials	compulsory	2	
		08:00 - 09:30	L121	dr hab. inż. Łukasz Piątkowski, prof. PP	Physical Methods for Biological Membranes Research	compulsory / elective	2	
8	13.12.2024	09:45 - 11:15	L121	prof. dr hab. inż. Krzysztof Wesolowski	Advanced DSP techniques for wireless communication	compulsory	2	113 Jana Pawła II 24, Mechatronics, Biomechanics and Nanotechnology Centre
		11:45 - 13:15	L051	dr hab. inż. Jacek Zak, prof. PP	Decision Aiding for Engineering and Management	compulsory	2	
		13:30 - 15:00	L051	dr Filip Karaśkiewicz	Six Sigma methodology in production management	elective	2	
		15:10 - 16:40	L051	dr inż. Marcin Nowak	Scientific visualisations with Python	elective	2	
		16:50 - 18:20	L121	dr hab. inż. Marek Szostak, prof. PP	Processing of polymeric materials	compulsory	2	
		08:00 - 09:30	L121	dr hab. inż. Marek Szostak, prof. PP	Processing of polymeric materials	compulsory	2	
9	20.12.2024	09:45 - 11:15	L121	dr hab. inż. Andrzej Miklaszewski, prof. PP	Bionanomaterials from traditional to future application perspectives	compulsory	2	113 Jana Pawła II 24, Mechatronics, Biomechanics and Nanotechnology Centre
		11:45 - 13:15	L121	prof. dr hab. inż. Katarzyna Rzeszut	Selected aspects of mechanics and stability of cold-formed steel structures	compulsory	2	
		08:00 - 09:30	L121	dr hab. inż. Andrzej Miklaszewski, prof. PP	Bionanomaterials from traditional to future application perspectives	compulsory	2	
10	10.01.2025	09:45 - 11:15	L051	dr hab. inż. Jacek Zak, prof. PP	Decision Aiding for Engineering and Management	compulsory	2	113 Jana Pawła II 24, Mechatronics, Biomechanics and Nanotechnology Centre
		11:45 - 13:15	L051	dr inż. Marcin Nowak	Scientific visualisations with Python	elective	2	
		13:30 - 15:00	L051	prof. dr hab. inż. Katarzyna Rzeszut	Selected aspects of mechanics and stability of cold-formed steel structures	compulsory	2	
		15:10 - 16:40	L121	dr hab. inż. Krzysztof Fic, prof. PP	"Redox or non-redox... That is the question" - towards understanding electrochemistry and energy conversion/storage processes	compulsory	2	
		08:00 - 09:30	L121	dr hab. inż. Łukasz Piątkowski, prof. PP	Physical Methods for Biological Membranes Research	compulsory / elective	2	

11	17.01.2025	08:00 - 09:30	L121	Nuala Mederski, MA	Specialist English language course: writing skills	noncompulsory	2
		09:45 - 11:15	L121	Nuala Mederski, MA	Specialist English language course: writing skills	noncompulsory	2
		11:45 - 13.15	L051	dr hab. inż. Krzysztof Fic, prof. PP	"Redox or non-redox... That is the question" - towards understanding electrochemistry and energy conversion/storage processes	compulsory	2
		13:30 - 15:00	L051	dr hab. inż. Wojciech Kotłowski, prof. PP	A theoretical perspective on machine learning	compulsory / elective	2
		15:10 - 16:40	L121	dr hab. inż. arch. Dominika Pazder, prof. PP	Participatory planning paradigm in city regeneration	compulsory / elective	2
12	24.01.2025	08:00 - 09:30	L121	prof. dr hab. inż. Katarzyna Rzeszut	Selected aspects of mechanics and stability of cold-formed steel structures	compulsory	2
		09:45 - 11:15	L121	dr hab. inż. Andrzej Miklaszewski, prof. PP	Bionanomaterials from traditional to future application perspectives	compulsory	2
		11:45 - 13.15	L121	dr hab. inż. Krzysztof Fic, prof. PP	"Redox or non-redox... That is the question" - towards understanding electrochemistry and energy conversion/storage processes	compulsory	2
		13:30 - 15:00	L051	dr hab. inż. Wojciech Kotłowski, prof. PP	A theoretical perspective on machine learning	compulsory / elective	2
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		16:50 - 18:20	L121	dr hab. inż. Wojciech Smulek	Bioavailability of xenobiotics - environmental and toxicological aspects	compulsory / elective	2
13	31.01.2025	08:00 - 09:30	L121	dr hab. inż. Marek Szostak, prof. PP	Processing of polymeric materials	compulsory	2
		09:45 - 11:15	L121	dr hab. inż. Andrzej Miklaszewski, prof. PP	Bionanomaterials from traditional to future application perspectives	compulsory	2
		11:45 - 13.15	L121	prof. dr hab. inż. Katarzyna Rzeszut	Selected aspects of mechanics and stability of cold-formed steel structures	compulsory	2

\* link will be provided at a later date