

COURSE TITLE	MANAGING INFORMATION AND KNOWLEDGE: THE SCIENTISTS TOOLBOX
COURSE TITLE (POLISH)	ZARZĄDZANIE INFORMACJĄ I WIEDZĄ: ZESTAW NARZĘDZI DLA BADACZA
COORDINATORS	Andrzej Wodecki, PhD, DSc
TARGET GROUP	Doctoral School No 1 / Doctoral School No 2 / Doctoral School No 3 / Doctoral School No 4 / Doctoral School No 5 / Doctoral Studies
MAXIMUM NUMBER OF PARTICIPANTS	no limit
LANGUAGE	English
ASSESSMENT METHODS	credit by attending the course
PROTOCOL TYPE	Z (zaliczenie)
TYPE OF CLASS	exercises
SUM OF HOURS	15 online classes
ECTS POINTS	1 ECTS
COURSE CONTENTS	<ol style="list-style-type: none"> 1. Course Introduction 2. Organization <ul style="list-style-type: none"> • Files and Folders. Naming conventions, syncing with cloud services, collaborating with others. • Reference managers. The most important functionalities, configuration, integration with other programs. Tools: Zotero, Mendeley. • Note-taking tools: Obsidian, MindManager. 3. Research <ul style="list-style-type: none"> • The concept of research sprints <ul style="list-style-type: none"> ▪ Identification of relationships, patterns and research gaps. ▪ Knowledge objects organization. ▪ New ideas generation. • Information and knowledge resources: <ul style="list-style-type: none"> ▪ Scholarly databases: Scopus, Web of Science, Google Scholar ▪ Blogs: Medium.com, etc. ▪ Massive Open Online Courses (MOOCs) • Processing information and knowledge: <ul style="list-style-type: none"> ▪ Reading and understanding levels ▪ Model topics using natural language processing techniques ▪ Content classification and prioritization • Codification of knowledge <ul style="list-style-type: none"> ▪ Zettelkasten method ▪ Knowledge objects ▪ Relationships between objects 4. Publication <ul style="list-style-type: none"> • Scope definition and project plan • Organization and integration of research material • Writing and reviewing publication, quality assurance.



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SCHEDULE

5.04; 12.04; 19.04; 26.04.2022 4:00 p.m.–7:15 p.m.