



COURSE DATASHEET

Semester:	2025/26/1
Course:	Oriented knowledge I. (Systematic Literature Review in Management Science)
Code:	PEDIECON106
Responsible department:	
Department code:	DIGDI
Responsible instructor:	Dr. Tibor Gábor Csizmadia

Course objectives:

Acquisition of basic knowledge and skills in systematic literature review methods, which students will have to use to map the literature of management science and their own research topic.

Course content:

Thematic:

Literature review methodologies

Databases suitable for systematic literature review

Bibliometric analyses, investigation of citation and co-authorship networks

Content analysis of articles, keywords and abstracts. Basic text processing and text mining methods

Embedding the results and positioning the particular research topic in the field of management

Identifying research GAPS, finalizing the research questions, and analyzing the results in terms of the research questions

Understanding the logic behind research objective, the result of literature review and research



COURSE DATASHEET

Semester:	2025/26/1
Course:	Oriented knowledge I. (Systematic Literature Review in Management Science)
Code:	PEDIECON106
Responsible department:	
Department code:	DIGDI
Responsible instructor:	Dr. Tibor Gábor Csizmadia

Course content:

propositions/hypothesis

Requirements, evaluation and grading:

Student's role:

During the semester, students perform systematic literature research based on their research topic, and the results are presented at the end of the semester. The grade is based on the presentation and mid-term assignments.

The use of AI tools is permitted for class preparation and the learning process; however, in the case of submitted papers and assignments, they may only be applied with proper citation. The complete preparation of assignments or presentations solely by AI is prohibited.

Required and recommended readings:

Moher, D. et al., (2010). Preferred reporting items for systematic reviews and meta-analyses: the prisma statement. *Int J Surg* 8, 336–341

Kosztyan, Z. T., Csizmadia, T., & Katona, A. I. (2021). SIMILAR–Systematic iterative multilayer literature review method. *Journal of Informetrics*, 15(1), 101111.

Learning outcome:

The student conducts a systematic literature review in their research topic. The course develops competencies



UNIVERSITY OF PANNONIA

COURSE DATASHEET

Semester:	2025/26/1
Course:	Oriented knowledge I. (Systematic Literature Review in Management Science)
Code:	PEDIECON106
Responsible department:	
Department code:	DIGDI
Responsible instructor:	Dr. Tibor Gábor Csizmadia

in literature collection, analysis, synthesis, and critical evaluation through tasks of gathering and processing academic sources.