

Syllabus

Course Description

Course Title	Conducting Bibliometric and Systematic Literature Reviews
Course Code	29079
Course Title Additional	
Scientific-Disciplinary Sector	NN
Language	English
Degree Course	PhD Programme in Management
Other Degree Courses (Loaned)	
Lecturers	Prof. Paola Rovelli, Paola.Rovelli@unibz.it https://www.unibz.it/en/faculties/economics-management/academic-staff/person/38337
Teaching Assistant	
Semester	Second semester
Course Year/s	1
CP	3
Teaching Hours	18
Lab Hours	0
Individual Study Hours	-
Planned Office Hours	
Contents Summary	"Conducting Bibliometric and Systematic Literature Reviews" is a course designed for PhD students who want to learn how to use quantitative and qualitative methods to evaluate and synthesize the scientific literature in their research domains.
Course Topics	The course covers the theoretical and practical aspects of bibliometric analysis and systematic literature review, including data collection, data processing, data analysis, data visualization, and report writing. The course also introduces various tools and software, such as bibliometrix, VOSviewer, and PRISMA, that can facilitate and enhance the bibliometric and systematic literature

	review process. By the end of the course, students will be able to conduct their own bibliometric analysis and systematic literature review, and present their findings in a clear and coherent manner. The course is suitable for students from any discipline who are interested in exploring the state-of-the-art and the trends of their research fields. The course is taught in two modules: • Module 1: Bibliometrics (9 hours) • Module 2: Systematic Literature Reviews (9 hours)
Keywords	Literature review; bibliometrics; systematic literature review; academic research; journals; PhD
Recommended Prerequisites	None
Propaedeutic Courses	
Teaching Format	Frontal lectures, in-class discussion, exercises
Mandatory Attendance	Required
Specific Educational Objectives and Learning Outcomes	By the end of this course, students will be able to: • Define the concepts and principles of bibliometrics and systematic literature review and their applications in research evaluation and synthesis • Identify and select appropriate data sources, search strategies, and bibliometric indicators for their research topics • Use various tools and methods, such as bibliometrix, VOSviewer, and PRISMA, to collect, process, analyze, and visualize bibliometric data • Critically evaluate and interpret the results of bibliometric analysis and systematic literature review, and identify the strengths, limitations, and implications of their findings • Write a clear and coherent report on their bibliometric analysis and systematic literature review, following the academic standards and conventions
Specific Educational Objectives and Learning Outcomes (additional info.)	
Assessment	Two individual project works, one for each module: • 50% - Module 1: Written report on the bibliometric analysis of a research topic. • 50% - Module 2: Written report on the systematic literature

	review of a research topic.
Evaluation Criteria	Pass or no pass. NOTE: Both modules' assessments must be passed to obtain the pass mark.
Required Readings	Readings will be provided during the course.
Supplementary Readings	Supplementary readings may be provided during the course.
Further Information	Course offered by Prof. Rovelli (9h) and Prof. Caputo, unitn (9h)
Sustainable Development Goals (SDGs)	Quality education