PhD-programme in Education and Social Sciences
40° cycle

Course title:	Information literacy and Bibliometrics
Course year:	1.
Semester:	1st
Course Code:	15144G
Scientific sector:	multidisciplinary
Lecturer:	Johann Kienzl, Sonia Lisco, Caterina Fantoni
Module:	Methodological courses and seminars 1st study year
Credit Points of the module:	35
Total lecturing hours:	10
Attendance:	according to the regulations
Teaching Language:	English, Italian, German
Propaedeutic course:	
Course description:	The course on Information Literacy and Bibliometrics has three parts. Part I deals with Information Literacy Standard competencies according to the International Guidelines for Higher Education & PhD programs. Part II focuses on Institutional Repository "BIA" and Open Access publications. Part III deals with bibliometric fields of application: low quality and predatory journals, their characteristics and their significance in the research context. The course comments on the individual steps of a publication process and shows the differences between low and high quality journals. Students will learn about the relevant journal lists and databases that support the selection process and they will evaluate journals according to evaluation criteria. Additionally, they will become familiar with the most important bibliometric (evaluation) indicators and they will take the first steps towards journal selection.
Specific educational objectives:	The course is designed for acquiring professional skills and knowledge By the end of the 10 hours course students will be able: - to recognize low quality journals by specific criteria - to critically examine the publication offers of journal publishers - to be familiar with the publication process for journal articles - to know relevant sources for journal selection - to be familiar with the main bibliometric indicators.
List of topics covered:	Information literacy - Citation style guidelines (e.g. APA 7th edition) - Reference management software features - Academic integrity concepts and introduction to the use of Turnitin Bibliometrics - Predatory and low quality journals - Open Access - Publication process - Introduction to peer review - Bibliometric databases - Research evaluation in the Italian research context

Teaching format:	Workshops and seminars
Learning outcomes:	Students will learn to find the best research tools to collect high quality information. Students will learn about the international guidelines and recommendations on how to prevent plagiarism, how to promote academic integrity and the correct syntax of a citation according to the international referencing styles. They will also be able to use a Reference Manager software. Completing the course, students are expected to achieve the following outcomes: Knowledge and Understanding - demonstrate knowledge of the academic publication process - demonstrate knowledge of evaluation criteria for suspected journals - demonstrate knowledge of predatory journal characteristics with regard to Open Access - demonstrate knowledge of bibliometric databases and general indicators Applying knowledge and understanding - ability to apply journal blacklist criteria for evaluation - ability to critically question a suspected journal - ability to place indicators in their respective contexts Making judgements - ability to apply criteria for identifying deceptive, fraudulent, and/or predatory journals - ability to select relevant high quality journals for their field of research Learning skills - ability to find journal black and white lists - ability to use ANVUR journal lists - ability to use the Scopus database from a bibliometric view
Assessment:	Exercises and practical examples (written form and/or discussion) will be planned during the seminars and the workshops to give students concrete competencies improving the quality of the scientific information management and sources evaluation competencies
Required readings:	
Supplementary readings:	American Psychological Association. (2020). *Publication manual of the american psychological association* (7th edition). American Psychological Association. https://doi.org/10.1037/0000165-000 De Vita, G., Begley, J., & Bowen, D. (2021). *Roadmap to a successful PhD in business and management and the social sciences*. Lang. https://doi.org/10.3726/b18616 Gosling, P., & Noordam, L. D. (2011). *Mastering Your PhD: Survival and Success in the Doctoral Years and Beyond* (2nd edition). Springer. https://doi.org/10.1007/978-3-642-15847-6 Bibliometrics: Beall, J. (2015). Predatory journals and the breakdown of research cultures. *Information development, 31*(5), 473–476. https://doi.org/10.1177/0266666915601421 Björk, B.-C., & Hedlund, T. (2004): A formalised model of the scientific publication process. *Online Information Review, 28*(1), 8–21. https://doi.org/10.1108/14684520410522411