Adam Mickiewicz University in Poznań

Doctoral School of Languages and Literatures

Scientific Databases

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Type of classes	workshop
Language of instruction	English
The number of hours + form of passing classes	15 hours / credit of a grade
Purposes of classes	1. The development of information competence, with emphasis on the effective retrieval of scientific information and its selection based on critical evaluation. 2. Presentation of different types od scientific databases, knowledge bases and knowledge-management systems. 3. Teaching how to search for information, verify it and reconcile information derived from different sources. 4. Teaching how to obtain and organise information relevant to a particular research problem. 5. Making the participants aware of the legal and
Learning contents	1. The notions of information competence and information literacy, the necessary skills and capabilities necessary. 2. The importance of choosing keywords and search terms, familiarity with appropriate terminology, competent selection, the ability to narrowing down a search, and the assessment of the significance and credibility of search results. 3. The importance of scientific knowledge and free access to sound information in social life and in the public dissemination of science; critical thinking as the basis of a rational approach to reality. 4. The dynamic character of scientific knowledge: information obsolescence due to the emergence and accumulation of more relevant up-to-date knowledge; the constant need to update and supplement one's competence. 5. The most frequently used scientific databases (availeble in open access or as the University's electronic resources), search engines and knowledge management systems.

	6. The Internet as a knowledge base. 7. Non-conventional methods of collecting scientific information (informal sources, social services, the academic blogosphere). 8. Knowledge bases created collectively by their users; the advantages of sharing one's own research output publicly. 9. Applying search strategies in practice: collecting information for a given research task, data collection, searching for publications, and bibliography management. 10. The legal and ethical aspects of accessing and using scientific information.
Entry requirements	English language proficiency at B-2 level; research experience such as can be expected of Doctoral School students; elementary skills in using electronic databases.

Learning outcomes	
	Verification methods:
In terms of knowledge: A person who has completed classes knows and understands: the achievements of world science in the discipline in which the education takes place, as well as the paradigms and directions of development of this discipline, in a way that enables their creative and innovative development and their verification within the framework of research projects undertaken [E_W01]; at an advanced level research methodology appropriate for the discipline of science in which education takes place, which allows for proper selection of research theories and tools and their effective application and modification within the framework of own research [E_W02]; fundamental dilemmas of contemporary civilization and the role of science, especially in the field of education, in solving them [E_W08]	assessing the student's work and active participation in class
In terms of skills: A person who has completed classes is able to: use knowledge from various disciplines of science to creatively identify, formulate and innovatively solve complex research problems or perform advanced research tasks. In particular, he/she is able to: define the objectives and the subject of scientific research, formulate research hypotheses, develop research methods, techniques and tools and apply them creatively and effectively, draw conclusions on the basis of scientific evidence [E_U01];	assessing the student's work and active participation in class

In terms of social competences: A person who has completed classes is prepared to: continuous improvement of professional competence and personal development, in particular by tracking and analyzing the latest developments in the represented scientific discipline [E_K05]	assessing the student's work and active participation in class
Literature	No conventional bibliography is required, given the character of the course.