

## SCIENTIFIC AND TECHNIQUE INFORMATION - DOCUMENTATION METHODS

<b>Study program</b>	Veterinary Medicine
<b>Year of study</b>	I
<b>Semester</b>	I
<b>Regime of discipline</b>	DOB
<b>Category of discipline</b>	Dc
<b>Number of lectures hours per week</b>	1
<b>Number of seminar/laboratory/project hours per week</b>	0
<b>Total number of hours according to the curriculum: lectures/seminars/laboratory/project</b>	14 hours of course
<b>Number of transferable credits</b>	1

### SPECIFIC SKILLS

<b>Professional Competence</b>	<p><b>C6</b> – Application of the scientific research for a better understanding of the scientific information concept and the use of this concept to carry out specific projects.</p> <p>Application of the principles and methods specific for fundamental and applied scientific research in the biomedical sciences.</p>
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### LEARNING OUTCOMES

<b>Knowledge</b>	The student demonstrates knowledge of the main scientific information and documentation methods for writing papers, specific to each discipline.
<b>Skills</b>	The student applies the general principles and particular methods of scientific information and documentation.
<b>Responsibility and autonomy</b>	The student analyzes and synthesizes the knowledge necessary for the efficient accomplishment of the proposed activities.

### COURSE OBJECTIVES

<b>General objective of the course</b>	<p>Acquiring the theoretical knowledge needed to understand the concept of scientific information. Knowledge of the main techniques and methods related to scientific information.</p> <p>Study of scientific information concept and documentation methods specific for veterinary medicine domain.</p>
<b>Specific objectives</b>	<p>Acquiring the methods and techniques used at different levels of scientific information organization.</p> <p>Knowing how to generate scientific research in terms of systemic and procedural components.</p> <p>Students will learn both elements of scientific research methodology in veterinary medicine and the specific aspects, in order to customize and differentiate them from non-science.</p> <p>Students will learn the methodology of writing a scientific paper and how to exploit research results.</p>

### COURSE CONTENT

LECTURES	Number of hours
Topic no. 1 Introduction in Scientific and technique information - documentation methods.	1
Topic no. 2 Individual informational strategies and techniques.	1
Topic no. 3 Team informational strategies and techniques.	1
Topic no. 4 Phases and dynamics of the scientific research. Phases of the elaboration of a scientific paper/project.	1
Topic no. 5 Development of the work tools.	1
Topic no. 6 The structure of scientific literature.	1
Topic no. 7 Where the scientific information can be found.	1

Topic no. 8 Theoretical plan of a scientific paper. Structure of a scientific paper/project.	1
Topic no. 9 Bibliographical references.	1
Topic no. 10 Practical model for Bibliographical references.	1
Topic no. 11 How to present a scientific paper/project.	1
Topic no. 12 Research ethics. Intellectual property and copyright.	1
Topic no. 13 Practical activity in library	1
Topic no 14. Selection of the scientific paper/project topic	1

#### **BIBLIOGRAPHY:**

- **Course notes, PowerPoint presentations**
- **Bell, J.** (2005) - Doing your Research Project, A guide for first-time researchers in education, health and social science, 4th edition. Berkshire, Open University Press.
- **Peat, J.** (2002) - Scientific Writing Easy When You Know How, BJM Books Press, London, UK.

#### **ASSESSMENT**

Activity type	Assessment criteria	Assessment methods	Percentage of final grade
<b>Lectures</b>	Communication of informations using the correctly scientific language used in the discipline. Knowledge of basic concepts of the discipline. Originality and correctness of answers used to build arguments pro / con. Demonstration of coherent and logic thinking in the presentations of ideas and the ability to apply theoretical knowledge in the elaboration of scientific papers	carrying out a research project on a given topic	<b>85%</b>
<b>Seminar/laboratory/clinical sessions</b>			
<b>Other activities</b>		Course participation	<b>15%</b>

**Course coordinator:** S. Lect. PhD Iulia-Maria BUCUR