

SYLLABUS

1. Information regarding the program

1.1 Higher education institution	University of Oradea
1.2 Faculty	Faculty of Economic Sciences
1.3 Department	Department of Management and Marketing
1.4 Field of study	Management
1.5 Cycle of study	Cycle II – Master
1.6 Program of study /Degree	Advanced Management/ Master Degree

2. Information regarding the discipline

2.1 Name of discipline			Scientific Research (FSTE-0983)				
2.2 Course titleholder			Assoc. prof. Tomina SĂVEANU				
2.3 Seminar titleholder			Assoc. prof. Tomina SĂVEANU				
2.4 Year of study	2	2.5 Semester	2	2.6 Type of assessment	Cv	2.7 Type of discipline	I

(I) Compulsory; (O) Elective; (F) Facultative

3. Estimated total time (hours/semester of activities)

3.1 Number of hours/week	1	out of which: 3.2 course	1	3.3 seminar	1
3.4 Total of hours in the Curriculum	27	out of which: 3.5 course	9	3.6 seminar	18
Distribution of hours:					
Studying the workbook, course book, bibliography and notes					25
Supplementary documentation in the library, on electronic specialty sites and in the field					52
Preparing seminars/laboratories, themes, projects, portfolios and essays					65
Tutorship					30
Assessment activities					6
Other activities: <i>data analysis</i>					45
3.7 Total hours of individual study	223				
3.9 Total hours/semester	250				
3.10 Number of credits	10				

4. Pre-requisites (if applicable)

4.1 Curriculum	n.a.
4.2 Skills	n.a.

5. Conditions (if applicable)

5.1. concerning the course activities	-
5.2. concerning the seminar/laboratory activities	-

6. Specific skills acquired	
Professional skills	C1.1. Defining concepts, methods, techniques and instruments of collection, use, processing, analysis and synthesis of information and of knowledge in management process to substantiate decisions. C1.5. Elaboration of economic summaries, of studies/papers substantiating the managerial process through the collection, use, processing and analysis of information and knowledge. C3.4 Comparative evaluation of efficiency and effectiveness of methods, technique and tools for planning strategies, policies and plans in human resource management field, supply chain management, management services, marketing - management activities, etc.
Transversal Skills	• Coordinating professional teams, assuming, assigning and tracking the fulfilment of specific responsibilities in the economic field • Fundamenting and assuming of economic strategies, under condition of responsibility and autonomy
Aptitudes Competences ESCO	• Ethical judgement (CT2) • Critical thinking (CT6) • Communication (writing reports, presenting findings) (CT8)

6. 2. Expected learning outcomes	
Knowledge	• The student/graduate is familiar with methods and techniques for collecting and processing data using statistical tools.
Aptitudes	▪ The student/graduate identifies and analyzes situations of unethical conduct in scientific research.
Responsibilities and autonomy	▪ The student/graduate uses digital tools (including AI) responsibly in the research process

6.3. Objectives of discipline (resulting from the grid of specific skills acquired)

6.3.1 General objective of discipline	To develop students' ability to design, conduct, analyse, and communicate scientific research using appropriate research methodologies, ethical principles, and digital tools.
6.3.2. Specific objectives	• To develop students' knowledge and understanding of the fundamental principles underlying scientific research. • To develop students' ability to explain and interpret the basic concepts and methodologies specific to scientific research. • To develop students' ability to analyse, understand, and critically interpret scientific texts. • To develop competencies in identifying, selecting, and applying appropriate research methods and instruments in scientific investigations. • To promote ethical conduct and the responsible use of digital tools in scientific research.

7. Contents

7.1 Course (C)	Teaching methods	Observations
1. Presentation of the course requirements	Participatory lecture	1
2. Scientific research - fundamental principles	Participatory lecture	1
3. Typology of scientific research	Participatory lecture	1
4. The research process. Research methodology	Participatory lecture	1
5. Research methods and tools	Participatory lecture	1
6. Research methods and tools	Participatory lecture	1
7. Presentation of research results	Participatory lecture	1
8. Ethical and moral aspects in scientific research. Responsible use of digital tools and AI in research.	Participatory lecture	1
9. Recap	Participatory lecture	1

Bibliography

- Buhaş, R., & Săveanu, S. Kit de supravieţuire în proiectarea cercetării sociale . Cluj Napoca : Editura Presa Univeritară .
- Metodologie privind organizarea şi desfăşurarea examenelor de finalizare a studiilor universitare - http://steconomiceuoradea.ro/wp/wp-content/uploads/2011/08/09.Metodologie-finalizare-studiiFSE_2019.doc
- Kristin Shrader-Frechette – Ethics of Scientific Research, Rowman & Littlefield Publishers, 2016, https://books.google.ro/books?id=MBXeOMM4mqwC&printsec=frontcover&hl=ro&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false
- Types of scientific research - <https://innspub.net/types-of-scientific-research/> <https://scholar.google.com/>
- Dodescu, A. (coord) 2004. Methodology Research scientific economic . Oradea: Publishing House. University of Oradea. [quote UO library : 33/P78]
- Mihai, A., Cojocaru R., Hrib , B., 2021. Short manual for edit working scientific . Bucharest : Triton Publishing House . [quote library UO: 001.81/M68]
- Chelcea, S., 2007. How to we write a bachelor's thesis , a doctoral thesis , an article scientific in FIELD sciences sociohuman . Bucharest : Comunicare.ro [share library UO: 001.81/C40]

7.2 Seminar (S)	Teaching methods	Observations
1. Types of knowledge. Sources of information	Discussion	2
2. Identify and select scientific sources of information	Practical exercise	2
3. Writing the literature review	Practical exercise	2
4. Writing the literature review	Case review	2
5. Selecting relevant research instruments	Practical exercise	2
6. Development of relevant research instruments	Case studies	2
7. Presentation of analysed scientific articles (1)	Practical exercise	2
8. Presentation of analysed scientific articles (2)	Application	2
9. Evaluation and recap	Case studies	2

Bibliography

- Kristin Shrader-Frechette – Ethics of Scientific Research, Rowman & Littlefield Publishers, 2016, https://books.google.ro/books?id=MBXeOMM4mqwC&printsec=frontcover&hl=ro&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false
- Types of scientific research - <https://innspub.net/types-of-scientific-research/> <https://scholar.google.com/>
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- Babbie, E., 2010. Research Practice social . Ia şi : Polirom https://www.academia.edu/25831057/babbie_earl_practica_cercetarii_sociale
- Chelcea, S., 2007. How to we write a bachelor's thesis , a doctoral thesis , an article scientific in FIELD sciences sociohuman . Bucharest : Comunicare.ro [share library UO: 001.81/C40]
- Buhaş, R., & Săveanu, S. Kit de supravieţuire în proiectarea cercetării sociale . Cluj Napoca : Editura Presa Univeritară .

8. Use of Generative Artificial Intelligence Tools

Within the course *Scientific research*, the use of tools based on generative artificial intelligence (GenAI) is permitted for research, information organization, and the review and improvement of academic writing. The use of GenAI tools must comply with the principles of academic integrity, transparency, and responsibility. The student remains responsible for the content and originality of the materials produced. For the work completed, the student must fill out and attach the declaration regarding the use of GenAI tools to their personal portfolio for this course.

9. Corroboration of the contents of the discipline with the expectations of the epistemic community, professional associations and employers representing the field of study of the program

The content of the course *Scientific Research* is aligned with current academic and professional requirements regarding the design, implementation, and dissemination of scientific research. The course develops competencies in research methodology, scientific writing, critical analysis of scientific sources, and the ethical conduct of research activities. From the perspective of employers and the academic community, the course supports evidence-based decision-making, analytical thinking, and the responsible use of digital tools in research and professional practice.

10. Assessment

Type of activity	10.1 Assessment criteria	10.2 Assessment methods	10.3 Percentage of the final grade
10.4 Course (C)	Preparation of a research portfolio including literature review, research design, and methodological justification.	Summative assessment: content of the research portfolio.	80%
10.5 Seminar (S)	Presentation of the research report and active participation in class and tutoring activities.	Formative assessment: active participation in discussions and work.	20%
10.6 Laboratory (L)			
10.7 Project (P)			
10.8 Practical works (P)			
10.9 Minimum performance standard Knowledge and understanding of the content of the course at the level of essential ideas Obtaining at least 5 points (out of 10) for the research portfolio. Obtaining at least 5 points (out of 10) as a final grade			

Date
18.09.2026

Course titleholder:
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28.09.2026

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