

COURSE OUTLINE

1. Study programme information.

1.1 Higher education institution	Universitatea de Vest din Timișoara
1.2 Faculty / Department	Chimie, Biologie, Geografie / Departamentul de Geografie
1.3 Sub-department	Geografie
1.4 Field of study	Geography
1.5 Level of study	Master's degree
1.6 Study programme / Qualification	Geographic Information Systems

2. Course information

2.1 Course title	MSc Thesys writing and defence						
2.2 Course convenor/ Lecturer							
2.3 Teaching assistant							
2.4 Year of study	2	2.5 Semester	2	2.6 Type of assessment	E	2.7 Course type	DS/DO

3. Total estimated time (hours of didactic activities per semester)

3.1 Number of hours per week	-	of which: 3.2 lecture		3.3 seminar/laboratory	-
3.4 Total hours in the curriculum	40	of which: 3.5 lecture		3.6 seminar/laboratory	40
Time distribution:					hours
Studying textbooks, course materials, references, notes, further research in libraries, on electronic platforms and in the field, research papers etc.					20
Field work and documentation					20
Data processing and analysis					70
Writing, preparing presentation					80
Tutoring					20
3.7 Total hours of individual study	210				
3.8 Total hours per semester	250				
3.9 Number of credits	10				

4. Prerequisites (if applicable)

4.1 based on curriculum	Knowledge acquired in the specialized and optional disciplines related to the master's program.
4.2 based on competencies	Skills on geospatial data processing and analysis in GIS environment

5. Conditions (if applicable)

5.1 for the course	
5.2 for the seminar/laboratory	<ul style="list-style-type: none"> According to the curriculum, the discipline involves meetings between the master student and the supervisor of the master's thesis

6. Objectives of the discipline – expected learning outcomes to the formation of which contribute to the completion and promotion of the discipline

Knowledges	<ul style="list-style-type: none"> • Knowledge of the topic chosen for the dissertation. • Ability to properly use the concepts, methods, and techniques specific to the field studied. • Collect, analyse (critically) and interpret the data needed for the chosen topic. • Synthesize known information related to the dissertation topic. • Demonstrate the ability to argue divergent positions without simply reproducing field-specific knowledge. • Knowledge of the structure of the dissertation. • Knowledge and correct writing of bibliographic references. • Ability to use the recommended bibliography and to search for other bibliographic sources.
Skills	<ul style="list-style-type: none"> • Correct use and writing of bibliographic references in a database, citation accordingly with the chosen style and in the right context. • Apply skills related to preprocessing and analysis of geospatial data used in the thesis. • Create meaningful presentations in accordance with thesis scientific outcome
Responsibility and autonomy	<ul style="list-style-type: none"> • The application of effective and responsible work strategies, based on the principles, norms, and values of the code of professional ethics. • Application of effective work techniques in a multidisciplinary team, ethical attitude, respect for diversity and multiculturalism, acceptance of diversity of opinion • Responsible execution of professional tasks, in conditions of restricted autonomy and qualified assistance • Self-assessment of continuous training needs to adapt professional skills to the dynamics of the social context.

7. Content

Content	Teaching methods	Observations
Discussion of the research plan: title of the paper, structure, preliminary references as a result of the study of the scientific literature. The content depends on the specific theme for each student		
Writing the argument on the rationale of the thesis.	scientific explanation, conversation, individual work with references and spatial databases, tutoring, review.	
Presentation and discussion on the main contribution in the literature related to the selected topic of the thesis		
Purpose and objectives of the thesis		
Writing the research methodology in order to achieve the proposed objectives		
Evaluation on the theoretical part of the thesis		
Discussion and writing the analysis of the results.		
Discussion and writing the conclusions and recommendation.		
Elaborate the presentation of the thesis.		
Evaluation of the thesis and presentation		
Bibliography <ul style="list-style-type: none">In addition to the bibliography recommended by the scientific supervisor or the one considered relevant by the master student, depending on the chosen research topic, the master student must also consider the literature that is a guide on how to develop and present a scientific paper:Hengl, T.; Gould, M. The unofficial guide for authors. 2006.Chelcea, Septimiu, Cum să redactăm o lucrare de licență, o teză de doctorat, un articol științific în domeniul științelor socio-umane (ed. a 3-a, rev.), Comunicare.ro, București, 2005Eco, Umberto, Cum se face o teză de licență. Științele umaniste, Polirom, Iași, 2006Additional references and course presentations are posted on E-learning UVT Platform and students have specific deadlines to upload parts of the thesis in the platform for review (https://elearning.e-uvt.ro/)		

8. Corroborating course content with the expectations held by the representatives of the epistemic community, professional associations, and typical employers in the field of the study programme.

The discipline provides the methodological guide for students to prepare and defend dissertation. In perspective, it is the starting point for those who want to get involved in doctoral studies / advanced scientific research, also providing skills necessary for the employment of graduates in the public and private internal and external environment.

9. Assessment

Type of activity	9.1 Assessment criteria	9.2 Assessment methods	9.3 Weight in the final mark
9.5 Seminar / laboratory	Scientific level of the written thesis. Correct use of cited literature and scientific methods, proper analysis of the results and presentation of conclusions in an international context.	Written text review Oral presentation evaluation	100%
9.6 Minimum performance standard			
The thesis meets the guiding requirements. The theoretical concepts are presented based on the correctly cited scientific literature. The collection, analysis and interpretation of geospatial data was performed using a correct and appropriate methodology. The research conclusions are logical and relevant for the subject approached. The student must acquire a minimum mark 5 at the evaluated criteria for written thesis.			

Date

19.02.2024

Lect. Univ. Dr. Florina Ardelean

Date of approval in the department

Head of department's signature