

## COURSE OUTLINE

### 1. Study programme information

1.1 Higher education institution	Universitatea de Vest din Timișoara
1.2 Faculty / Department	Chimie, Biologie, 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	<b>Internship 2 months</b>						
2.2 Course convenor/ Lecturer	Lect. Dr. Florina Ardelean						
2.3 Teaching assistant	Lect. Dr. Florina Ardelean						
2.4 Year of study	1	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	3	of which: 3.2 lecture	1	3.3 practical activity	2
3.4 Total hours in the curriculum	240	of which: 3.5 lecture		3.6 practical activity	240
Time distribution:					hours
Studying textbooks, course materials, bibliography and notes					Practical activity at WUT partners specified in the contract for each student
Further research in libraries, on electronic platforms and in the field					
Preparing seminars/ laboratories, homework, research papers, portfolios and essays					
Tutoring					
Examinations					
Other activities specified by the WUT partners (mainly companies in the field of GIS, government agencies)					
3.7 Total hours of individual study	110				
3.8 Total hours per semester	350				
3.9 Number of credits	14				

### 4. Prerequisites (if applicable)

4.1 based on curriculum	
4.2 based on competencies	

### 5. Conditions (if applicable)

5.1 for the course	•
5.2 for the practical activity	•

**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"> <li>development of cognitive competencies: ability to analyse and synthesize knowledge related to Geographic Information Systems, in direct correlation with interdisciplinary fields; the capacity for self-improvement from a professional point of view.</li> <li>knowledge, understanding and use of specific specialized language: graduates have the knowledge and ability to understand the main concepts, values, principles and rules, as well as the ability to explain the relationships between them in several areas.</li> <li>knowledge application, knowledge transfer and problem solving, will be able to apply the knowledge acquired to situations with a medium degree of complexity and to formulate well-argued conclusions, by presenting and interpreting a situation / phenomenon / process, as a way of illustration of the rules, methods, techniques and procedures of analysis and research already known and assimilated.</li> </ul>
Skills	<ul style="list-style-type: none"> <li>development of practical application skills (instrumental-operational): realization of projects specific to the field of Geographic Information Systems, the possibility to work in the field of scientific research (Research in the field: Geography; Earth Sciences; Remote Sensing)</li> <li>analyse and interpret spatial data, to critically and constructively evaluate the appropriate approach and methods to use.</li> <li>integrate and present coherently information and documents obtained from different sources.</li> <li>develop work competencies for a specific profession in the field of GIS</li> </ul>
Responsibility and autonomy	<ul style="list-style-type: none"> <li>applying efficient and responsible work strategies, based on the principles, norms and values of ethics in academic conduct.</li> <li>self-assessment of the need for continuous professional training to insert and adapt to the requirements of the labour market.</li> <li>critical and constructive reflection for solving problems: they can elaborate and solve problems by referring to the theoretical and practical knowledge accumulated.</li> <li>building a professional network that can continue to help after you graduate.</li> <li>applying efficient work techniques in a multidisciplinary team, ethical attitude towards the group, respect for diversity and multiculturalism; acceptance of diversity of opinion</li> </ul>

**7. Content**

<b>7.1 Lecture</b>	<b>Teaching methods</b>	<b>Observations</b>
Practical specialization in partners institutions	Practical exercises	
<b>7.2 Practical activity</b>	<b>Teaching methods</b>	<b>Observations</b>
Practical specialization in partners institutions	Practical exercises	

**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 completed internship projects become the basis for the discussions of accepting the future candidates in practice and as graduates.
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**9. Assessment**

Type of activity	9.1 Assessment criteria	9.2 Assessment methods	9.3 Weight in the final mark
9.4 Lecture	Project + continuous evaluation during the internship	Continuous evaluation made by supervisor during the internship	100%
9.5 Practical activity			
9.6 Minimum performance standard			

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| <ul style="list-style-type: none"><li>• Fulfilling the tasks established by supervisor of the internship for each student.</li><li>• Communicate with the academic supervisor as indicated in the internship contract</li></ul> |
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Date

29.01.2024

Course convenor's signature

Lect. Dr. Florina Ardelean

Date of approval in the department

Head of department's signature