

DISCIPLINE DESCRIPTION

1. Information on the study programme

1.1 Academic institution	UNIVERSITY OF ORADEA
1.2 Faculty	FACULTY OF ENVIRONMENTAL PROTECTION
1.3 Department	AGRICULTURE - HORTICULTURE
1.4 Field of study	NATURAL AND VEGETABLE RESOURCES
1.5 Cycle of study	LICENSE
1.6 Study programme/Qualification	LANDSCAPE / ENGINEER

2. Information on the discipline

2.1 Name of discipline	URBANISM AND LANDSCAPING						
2.2 Course holder	Ş.L. Dr. Ing. BODOG MARINELA						
2.3 Seminar/Laboratory/Project holder	Ş.L. Dr. Ing. BODOG MARINELA						
2.4 Year of study	II	2.5 Semester	3	2.6 Type of evaluation	Cv	2.7 Regime of discipline	C

(C) Compulsory; (O) Optional; (E) Elective

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

3.1 Number of hours per week out of which:	4	course	2	laboratory	2
3.4 Total hours in the curriculum out of which:	56	course	28	laboratory	28
Time allotment					Hours
Study assisted by manual, course support, bibliography and notes					9
Additional documentation in the library/ on specialized electronic platforms and in the field					8
Preparation of seminars/laboratories/ topics/reports, portfolios and essays					8
Tutorship					8
Examinations					20
Other activities.....					18
3.7 Total hours of individual study	44				
3.9 Total hours per semester	104				
3.10 Number of credits	4				

4. Prerequisites (where appropriate)

4.1 curriculum	Urbanism, Spatial planning, Construction
4.2 competences	Computer skills

5. Conditions (where appropriate)

5.1. related to course	The course is conducted through interactive discussions based on previously announced materials and bibliography, doubled by materials presented on the video projector. Students will have at least one week before the course the bibliographic materials and the synthesis of the course, in order to actively participate in the oral discussions. The course is interactive, students can ask questions about the content of the presentation. The university discipline requires the observance of the start and end time of the course. No other activities are tolerated during the lecture, mobile phones will be switched off.
5.2. related to seminar/laboratory/project	Students go through protocol and assistance; the theme provided each week. For each seminar students will prepare materials and topics, which will be presented and evaluated by colleagues through the resources used in the course.

6. Specific competences acquired	
Professional competences	<p>C3.3 Identify and use methods, techniques and procedures for landscape planning and arrangement</p> <p>C4.1. Description of the principles underlying the choice of specific elements of landscape architecture</p> <p>C5.1 Description of the necessary elements for the technical-economic and architectural substantiation of a rehabilitation project</p>
Transversal competences	<p>CT3. Objective self-assessment of the need for continuous vocational training in order to constantly adapt and respond to the demands of economic development; the use of information and communication techniques and, at least, a language of international circulation.</p>

7. Objectives of discipline (coming from the specific competences acquired)

7.1 General objective	This course aims is the introduction in urbanism science, detailing the legislation in force and urban planning documents and defining spatial planning, mastering the concepts used in spatial planning and last but not least the formation of critical thinking in terms of analysis and evaluation of information acquired.
7.2 Specific objectives	Formation of a comparative knowledge base on European brand experiences of some European countries and familiarization with the Community Space Development Scheme (SDEC) in order to better understand the spatial side of European policies and to be able to correlate European policies with the spatial dimension revealed by SDEC in Romania.

8. Content*/

8.1 Course	Methods of teaching	No. of hours/Remarks
1. The European Charter of Spatial Planning. Concepts, object of study	Systematic exposure with video projector, conversation, problematization	2
2. Spatial planning and sustainable development - proposals for an integration of the two	Systematic exposure with video projector, conversation, problematization	2
3. Spatial planning policies in some EU countries	Systematic exposure with video projector, conversation, problematization	2
4-5-6. National Spatial Planning Plan.	Systematic exposure with video projector, conversation, problematization	6
7. The content of land use plans	Systematic exposure with video projector, conversation, problematization	2
8. Scheme for the development of the Community space. town planning	Systematic exposure with video projector, conversation, problematization	2

9. Dynamic economy and a need for implicit spatial planning	Systematic exposure with video projector, conversation, problematization	2
10. The policy of balanced and sustainable development of the European territory in a spatial vision	Systematic exposure with video projector, conversation, problematization	2
11. Policy objectives and options for European territory.	Systematic exposure with video projector, conversation, problematization	2
12. Selection of programs and guidelines for integrated spatial planning.	Systematic exposure with video projector, conversation, problematization	2
13. Introductory notions related to the science of Feng Shui. Landscape and shapes. Energy and symbols. Water in the Feng Shui garden.	Systematic exposure with video projector, conversation, problematization	2
14. Constituent elements of a garden. Vegetation in Feng Shui arrangements. Lighting.	Systematic exposure with video projector, conversation, problematization	2

8.3 Laboratory	Methods of teaching	No. of hours/Remarks
1-2. Highlighting the common and differentiated elements of spatial planning policies.	In the first hour of the laboratory, the notions related to labor protection specific to the arrangement activities will be presented.	4
3. The issue of regional disparities - comparison between EU and Romanian policy. The contribution of new technologies in land use planning.	Presentation, debate and graphic representation	2
4-5. Urbanism and urban policies in Romania (state competences in the fields of urbanism, housing construction and housing - principles, legal framework, issues, protection of cultural and historical heritage, etc.)	Presentation, debate and graphic representation	4
6-7. The problem of risks in Romania (spatial distribution, types of risks, legislative framework, efficiency of measures, references to urban planning regulations directly related to risks, etc.).	Presentation, debate and graphic representation	4
8-9. Rural regions in Romania between development and underdevelopment (the causes of their lag, the effectiveness of their specific policies - premiums, aid, fiscal or other facilities, the need for an assessment and classification by type of region because they are not homogeneously developed or underdeveloped, concrete proposals for overcoming the crisis). See the European Charter for Rural Affairs.	Presentation, debate and graphic representation	6

10-11. Completion of a garden plan using the Pa Kua diagram and Lo Shu square: identifying the corners of a garden and designing the alley system	Presentation, debate and graphic representation	4
12-13. Vegetation design: trees and shrubs, flowering and lawn plants. Design of water gloss, furniture and lighting system	Presentation, debate and graphic representation	4
14. Recoveries	-	2
Bibliography 1. Bodog Marinela (2015) - <i>Spatial planning and urbanism</i> , University of Oradea Publishing House 2. Constantin Ghiga, (2014) - <i>Territorial infrastructure and urban development</i> , Ed. Uranus, Bucharest. 3. Căndeia Melinda, et.al., (2016) - <i>Organization, arrangement and sustainable development of the geographical space</i> , University Publishing House, Bucharest. 4. Dominique Ghiggi, (2020) - <i>Tree nursery - cultivating the urban jungle</i> , Muler Lars Publisher, NL 5. Iatu Corneliu (2018) - <i>Territorial planning and arrangement</i> , Scientific and Encyclopedic Publishing House, Bucharest 6. Lenzholzer Sanda, (2015) - <i>Weather in the City - How design shapes the urban climate</i> , Nai010 Publisher, NL 7. Radu Ioan, Vlădeanu Dorian, (2014) - <i>Diagnostic analysis and development strategy of public communal services</i> , Tribuna Economică Publishing House, Bucharest. 8. J. Vlug, A. Noortman, R. Aben, B. Ter Mull, M. Hendriks, (2013) - <i>The need for design - exploring dutch landscape architecture</i> , Van Hall Larenstein Publisher		

* The content, respectively the number of hours allocated to each course / seminar / laboratory / project will be detailed during the 14 weeks of each semester of the academic year.

9. Corroboration of discipline content with the expectations of the epistemic community, professional associations and representative employers from the field corresponding to the study programme

The content of the discipline is adapted and satisfies the requirements imposed by the labor market, being agreed by the epistemic communities (which study the process of spatial planning of a space as it should take place in science), social partners, professional associations and employers in the field Horticulture - Landscaping. The content of the discipline is found in the curriculum of Landscape specialization and other university centers in Romania that have accredited this specialization, so knowing the basics is a stringent requirement of employers in the field of Agriculture - Horticulture - Landscaping.

10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share in the final grade
10.4 Course	General evaluation criteria (completeness and correctness of knowledge, logical coherence, fluency of expression, strength of argument). Discipline specific criteria regarding the attitudinal and motivational aspects of the students' activity	Colloquy writing - grid	70%
10.6 Laboratory	In the last laboratory session, the students will present the laboratory works performed.	Practical recognition of symbols - oral exam	30%

10.8 Minimum standard of performance

Efficient application of a horticultural production technology to achieve a positive economic, ecological and social impact.
Organizing and elaborating a plan for arranging and adopting efficient management methods for its profitability.
Elaboration of an action plan, long or short term, for landscape capitalization of a space.
The use of classical and modern techniques in the elaboration of landscape design projects.
Carrying out an interior or exterior design project within a specific budget.

Date of completion

01.10.2020

Signature of course holder

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Signature of the Head of Department*

Prof.dr.ing. **Bandici Gheorghe**

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Dean Signature*

Prof.dr.ing. **Chereji Ioan**

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*Name, first name, academic degree and contact details (e-mail, web page, etc) of the academic entity beneficiary of the Discipline Outline will be specified.

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