

## 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	HORTICULTURE
1.5 Cycle of study	MASTER STUDIES
1.6 Study programme/Qualification	HORTICULTURAL ENGINEER

**2. Information on the discipline**

2.1 Name of discipline	LANDSCAPE DESIGN TECHNIQUES						
2.2 Course holder	VIDICAN IULIANA TEODORA						
2.3 Seminar/Laboratory/Project holder	STANCIU ALINA ȘTEFANIA						
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	3	out of which: 3.2 course	2	out of which 3.3 seminar/laboratory/project	1
3.4 Total hours in the curriculum	42	out of which: 3.5 course	28	out of which 3.6 seminar/laboratory/project	14
Time allotment					hours
Study assisted by manual, course support, bibliography and notes					14
Additional documentation in the library/ on specialised electronic platforms and in the field					14
Preparation of seminars/laboratories/ topics/reports, portfolios and essays					20
Tutorship					2
Examinations					4
Other activities.....					-
<b>3.7 Total hours of individual study</b>	<b>44</b>				
<b>3.9 Total hours per semester</b>	<b>42</b>				
<b>3.10 Number of credits</b>	<b>5</b>				

**4. Prerequisites (where appropriate)**

4.1 curriculum	(Conditionings) Principles of designing, designing green spaces, technical drawing, history of art and gardens, aesthetics, design, etc.
4.2 competences	Design concepts, landscaping, the aesthetics of the environment and design, the history of the arts, planning green spaces, rules for placing decorative elements in landscaped green space, etc.

**5. Conditions (where appropriate)**

5.1. related to course	Video projector, computer.
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5.2. related to seminar/laboratory/ project	- requisites and specific objects in view of a good run of the execution hours of the landscape design - realization a project of landscaping and essays, drawings and related details
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6. Specific competences acquired	
Professional competences	<ul style="list-style-type: none"> <li>▪ C1 – Understanding, knowledge, interpretation of appropriate use and correct the causes and the methods underpinning landscaping remodeling.</li> <li>▪ C2 – Ability to use acquired knowledge in order to model a green space so that it meets the standards and modern requirements.</li> <li>▪ C3 – The ability to successfully apply principles and rules of landscape remodeling so we get a maximum of efficiency with a minimum of spending.</li> <li>▪ C4 – Use of standard criteria and methods to evaluate the spaces to refitted in order to green areas which corresponds directly to the new destination.</li> <li>▪ C5 – Drafting landscaping remodeling projects according to modern criteria but starting from the principles of and methods established in the field.</li> </ul>
Transversal competences	<ul style="list-style-type: none"> <li>▪ CT1- Conscientiously fulfilling the established program, tracking achievement of the proposed goals, serious fulfillment of professional duties;</li> <li>▪ CT2 – Open to teamwork, applying effective communication techniques with both superiors and subordinates, respect for teammates and their work;</li> <li>▪ CT3 – Awareness of the need for learning and continuous improvement, in order to adapt to the requirements of the current economy, knowledge of at least one international language, the easy use of information technology and modern communication, objective self-improvement capacity, etc.</li> </ul>

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

7.1 General objective	The course LANDSCAPE DESIGN TECHNIQUES aims at: learning by students of concepts, methodology and methods necessary for the elaboration landscaping remodeling projects and a good knowledge of the legislation in the field.
7.2 Specific objectives	Laboratory work was like that thought to provide the future landscape engineer the possibility of knowing the legislative norms in domain and allow it to acquire inventory methods and analysis of components and composition of green spaces, research and visual analysis of influence the natural and anthropic environment on space. At the same time, the student, will be able to make a plan of estimates and proposals on remodeling green spaces starting from calculation of the benefits we anticipate.

### 8. Content\*/

8.1 Course	Methods of teaching	No. of hours/Remarks
Compositional principles used in the design of landscaped landscapes. The principle of functionality or organic design	Video projector. During the course, contributions are requested students on topics specific to the subject. Interactive themes and discussions will be launched	<b>2 ore</b>

	starting from case studies.	
Compositional principles used in the design of landscaped landscapes. The principle of compatibility of the function with the environment	Idem	<b>2 ore</b>
Compositional principles used in the design of landscaped landscapes. The principle of unity and harmony.	Idem	<b>2 ore</b>
Compositional principles used in the design of landscaped landscapes. The principle of proportionality, economy and the historical principle.	Idem	<b>2 ore</b>
Style in landscaping. Formal, informal and mixed style.	Idem	<b>2 ore</b>
Types of landscaped landscapes, typology, organization and arrangement: park, square and public garden, etc.	Idem	<b>2 ore</b>
Designing woody vegetation in landscaped landscapes	Idem	<b>2 ore</b>
Proiectarea amenajărilor floricole în peisajele amenajate	Idem	<b>2 ore</b>
Design of utilitarian constructions and ornamental elements in landscaped landscapes	Idem	<b>2 ore</b>
Engineering works, works of art, garden furniture and color in landscaped spaces.	Idem	<b>2 ore</b>
Spatial design and organization of vegetation in landscaped landscapes	Idem	<b>2 ore</b>
Light in the landscaped green spaces	Idem	<b>2 ore</b>
Landscaping in different historical periods	Idem	<b>2 ore</b>
Landscaping in Romania	Idem	<b>2 ore</b>
<b>Bibliography</b>		
<ol style="list-style-type: none"> <li>1. Condurăţeanu-Fesci S., Ionescu M., 1994 - <i>Grădinile și parcurile terrei</i>, Editura Albatros, București: 151.</li> <li>2. Condurăţeanu-Fesci S., Sava D., 2005 - Studiu privind speciile de arbori și arbuști rezistenți la condițiile de mediu și microclimat caracteristice municipiului Constanța – Contract nr.111/18.11 2005 realizat cu SC ASTER Consulting SRL, București</li> <li>3. Florincescu A., 1999 –Arhitectura peisajului. Editura Divya, Cluj Napoca.</li> <li>4. Guțuleac, V. (2003), <i>Ecologia landschaftului</i>, Editura Ruta-Alexandru cel Bun, Cernăuți</li> <li>5. Ianoș, I. (1994), <i>Riscul în sistemele geografice</i>, SC GGG , seria Geografie, XLI, p.19-27.</li> <li>6. Iliescu A.F., 1998 – Arboricultura ornamentală. Editura Ceres, București,</li> <li>7. Pătru, Ileana (1999), <i>Matricea de evaluare a peisajului</i>, în <i>Analele Universității București</i>.</li> <li>8. Pătru, Ileana (2006), <i>Variabile de grile utilizate în înregistrarea în teren a atributelor fizice, estetice și psihologice ale peisajului</i>, în <i>Comunicări de Geografie</i>, Vol. X, Editura Universității din București.</li> <li>9. Palade L., 1973 –Arhitectură peisageră. <i>Lucrări practice</i>. Lito. Iași</li> <li>10. Păun M., Palade L., 1977– <i>Flora spontană, sursă de plante pentru spații verzi</i>. Editura ScrisulRomânesc,</li> <li>11. Preda M., Palade L., 1972 –Arhitectura peisajului. Editura Ceres București.</li> <li>12. Simonds J.O.,1967 – Arhitectura peisajului, Editura Tehnică București,</li> <li>13. Sonea V., Palade L., Iliescu A.F., 1979- Arboricultura ornamentală și arhitectură peisageră. Editura Didactică și Pedagogică București,</li> <li>14. Vidican I.T., 2011, Arhitectură peisageră – suport de curs, Editura Universității din Oradea;</li> <li>15. Vidican I.T., 2011, Arhitectură peisageră – caiet de lucrări, Editura Universității din Oradea;</li> <li>16. Vidican I.T., 2012, Proiectarea spațiilor verzi – suport de curs; Editura Universității din Oradea;</li> <li>17. Vidican I.T., 2012, Proiectarea spațiilor verzi – caiet de lucrari; Editura Universității din Oradea</li> </ol>		
8.2 Seminar	Methods of teaching	No. of hours/

		Remarks
8.3 Laboratory		
General principles of landscape design - design in rural areas; in the urban environment. Symbols used in landscaping. Design on sloping land.	In the first hour of the laboratory, the coordinating teacher will be in the presence of concrete students what kind of activities are going to take. It will follow the exposition of the theme included in the curriculum, activity carried out with the direct participation of students. Interactive hour.	<b>1 oră</b>
General principles of landscape design - horizontal, flat land design.	Presentation by the students of the written report (synthesis material). An interactive theme will address a new theme.	<b>1 oră</b>
The component parts of landscaping projects.	Idem	<b>1 oră</b>
The component elements of the landscaping: the land, the circulation, the vegetation, the decorative and functional constructions, the waters.	Idem	<b>1 oră</b>
Research and analysis of pedoclimatic conditions. Documentary data.	Idem	<b>1 oră</b>
Cercetarea și analiza condițiilor socio-culturale. Date documentare.	Idem	<b>1 oră</b>
Execution of development plans and drawings. Organization and structuring of space.	Idem	<b>1 oră</b>
Traffic system design.	Idem	<b>1 oră</b>
Designing a park	Idem	<b>1 oră</b>
Designing a public squares	Idem	<b>1 oră</b>
Design of an alignment of trees and a promenade area.	Idem	<b>1 oră</b>
Design of green spaces in residential areas.	Idem	<b>1 oră</b>
Designing a pleasure gardens.	Idem	<b>1 oră</b>
Design of a recreation forest or nature reserve.	Idem	<b>1 oră</b>
Bibliography		
<ol style="list-style-type: none"> <li>1. Condurățeanu-Fesci S., Ionescu M., 1994 - <i>Grădinile și parcurile terrei</i>, Editura Albatros, București: 151.</li> <li>2. Condurățeanu-Fesci S., Sava D., 2005 - Studiu privind speciile de arbori și arbuști rezistenți la condițiile de mediu și microclimat caracteristice municipiului Constanța – Contract nr.111/18.11 2005 realizat cu SC ASTER Consulting SRL, București</li> <li>3. Florincescu A., 1999 –Arhitectura peisajului. Editura Divya, Cluj Napoca.</li> <li>4. Guțuleac, V. (2003), <i>Ecologia landschaftului</i>, Editura Ruta-Alexandru cel Bun, Cernăuți</li> <li>5. Ianoș, I. (1994), <i>Riscul în sistemele geografice</i>, SC GGG , seria Geografie, XLI, p.19-27.</li> <li>6. Iliescu A.F., 1998 – Arboricultura ornamentală. Editura Ceres, București,</li> <li>7. Pătru, Ileana (1999), <i>Matricea de evaluare a peisajului</i>, în Analele Universității București.</li> <li>8. Pătru, Ileana (2006), <i>Variabile de grile utilizate în înregistrarea în teren a atributelor fizice, estetice și psihologice ale peisajului</i>, în Comunicări de Geografie, Vol. X, Editura Universității</li> </ol>		

din București.

9. Palade L., 1973 –Arhitectură peisageră. Lucrări practice. Lito. Iași
10. Păun M., Palade L., 1977–Flora spontană, sursă de plante pentru spații verzi. Editura ScrisulRomânesc,
11. Preda M., Palade L., 1972 –Arhitectura peisajului. Editura Ceres București.
12. Simonds J.O.,1967 – Arhitectura peisajului, Editura Tehnică București,
13. Sonea V., Palade L., Iliescu A.F., 1979- Arboricultură ornamentală și arhitectură peisageră. Editura Didactică și Pedagogică București,
14. Vidican I.T., 2011, Arhitectură peisageră – suport de curs, Editura Universității din Oradea;
15. Vidican I.T., 2011, Arhitectură peisageră – caiet de lucrări, Editura Universității din Oradea;
16. Vidican I.T., 2012, Proiectarea spațiilor verzi – suport de curs; Editura Universității din Oradea;
17. Vidican I.T., 2012, Proiectarea spațiilor verzi – caiet de lucrari; Editura Universității din Oradea

\* 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 satisfying labor market requirements, being agreed by social partners, professional associations and employers from the scope of the license program.
- The content of the subject is found in the curricular specialization and to other accredited academic centers in Romania, with this specialization, so knowing the basic notions is a stringent requirement of landscape design employers.

### 10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share in the final grade
10.4 Course	- For note 5: all topics should be treated minimum standards; For notes > 5: all topics should be treated at the maximum standards;	Written or oral exam - duration 1 hour.	60 %
10.5 Seminar			
10.6 Laboratory	Making documentation for the chosen theme, essays and case studies. The presentation of the topic studied will be done throughout the semester.	- The attendance at classes and the achievement of all the themes are a prerequisite for taking part in the exam; - Share of the theme chosen, presentation in powerpoint and activity the practical work represents 40% of the final grade; - Recovery of only one	40 %

		remaining laboratory session is allowed (in the last week of the semester)	
10.7 Project			
10.8 Minimum standard of performance			
Performing works under the supervision of a teacher, to solve specific problems landscape design, with the correct assessment of the workload, the resources available and the time needed for completion.			

Date of completion

01.10.2021

Signature of course holder\*\*

S.l. dr.ing.  
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Signature of seminar laboratory/project holder \*\*

S.l. dr.ing.  
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Date of approval in the department

Prof.univ. dr.ing.

**BANDICI Emil Gheorghe**  
[gbandici@yahoo.com](mailto:gbandici@yahoo.com)

Signature of the Head of Department

Prof.univ. dr.ing.

**CHEREJI Ioan**  
[chereji@yahoo.com](mailto:chereji@yahoo.com)

\*\* - Name, first name, academic degree and contact details (e-mail, web page, etc) will be specified.

\*\*\* - 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.