**Annex 6**

# DISCIPLINE DESCRIPTION

**1. Information on the study programme**

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|---|---|
| 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 | **BACHELOR** |
| 1.6 Study programme/Qualification | **LANDSCAPE ARCHITECTURAL/ ENGINEER** |

**2. Information on the discipline**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2.1 Name of discipline | | **DESIGNING GREEN SPACE I** | | | | | |
| 2.2 Course holder | | **VIDICAN IULIANA TEODORA** | | | | | |
| 2.3 Seminar/Laboratory/Project holder | | **VIDICAN IULIANA TEODORA** | | | | | |
| 2.4 Year of study | III | 2.5 Semester | 6 | 2.6 Type of evaluation | Ex Pr | 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 | 4 | out of which: 3.2 course | 2 | out of which 3.3 seminar/laboratory/project | 2 |
| 3.4 Total hours in the curriculum | 56 | out of which: 3.5 course | 28 | out of which 3.6 seminar/laboratory/project | 28 |

| 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 | 40 |
| Tutorship | 8 |
| Examinations | 6 |
| Other activities..... | 5 |

| | |
|---|---|
| **3.7 Total hours of individual study** | **97** |
| **3.9 Total hours per semester** | **56** |
| **3.10 Number of credits** | **5** |

**4. Prerequisites** (where appropriate)

| | |
|---|---|
| 4.1 curriculum | (Conditionings) Knowledge of landscaping and urbanism, technical drawing, design in landscaping, representations in landscaping, floriculture, arboriculture, materials and constructions in landscaping, roads and embankments. |
| 4.2 competences | Knowledge of the principles used in landscaping, of the styles and genres encountered in landscaping, of flowering plants and dendrofloric material, etc. |

**5. Conditions** (where appropriate)

| | |
|---|---|
| 5.1. related to course | Video projector, computer. |
| 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<br>- realization a project of landscaping and essays, drawings and related details |

| **6. Specific competences acquired** | |
|---|---|
| Professional competences | ▪ C1 – Knowledge description and understanding the underlying scientific fundamentals landscaping planning, their proper use in professional communication.<br>▪ C2 – Explaining and interpreting the different principles and rules used in design.<br>▪ C3 – Ability to select and apply in practice those rules, principles, techniques and technologies so the result obtained to be as appropriate as possible to the given conditions both aesthetically and socio-functional.<br>▪ C4 – The ability to objectively analyze a given situation and to use all the knowledge gained in view fulfilling tasks, using criteria and standard design methods.<br>▪ C5 - Elaboration of landscaping plans and projects, sustainable, functional, aesthetic, which meet the environmental, but also the lasting implementation of these technical solutions. |
| Transversal competences | ▪ CT1- Conscientiously fulfilling the established program, tracking achievement of the proposed goals, serious fulfillment of professional duties;<br>▪ CT2 – Open to teamwork, applying effective communication techniques with both superiors and subordinates, respect for teammates and their work;<br>▪ 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. |

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

| | |
|---|---|
| 7.1 General objective | The course "**Designing green spaces**" aims at:<br>▪ familiarizing students with the specialized vocabulary;<br>▪ to acquire them the necessary knowledge to draw up a landscaping project,<br>▪ being an object of interdisciplinary study it will presented in a more unified framework principles and rules underlying design in landscape, of the concept of composition, its structures and components. |
| 7.2 Specific objectives | Laboratory work is designed to provide it future landscaping engineer:<br>▪ practical skills in designing, making, research, operation and maintenance of green areas;<br>▪ The content of the laboratory works presented are based the need to deepen the problems presented in the course.<br>▪ Knowledge accumulated by students are useful in building skills on the approach the specific problems faced by one a specialist in this field of activity. |

**8. Content*/**

| 8.1 Course | Methods of teaching | No. of hours/Remarks |
|---|---|---|
| 1. Introduction. The human-nature-landscape link. Benefits | Exposure video | **2 ore** |

| | | |
|---|---|---|
| of green spaces. Policies for managing landscaped landscapes. The situation of urban green spaces in Romania. History landscaping or landscape architecture | overhead projector. Conversation. Explanation. Debate. Interactive course. During the course, students' contributions are requested on topics specific to my topic. Interactive topics and discussions will be launched based on case studies. | |
| 2. The functions of green spaces. Ecological functions. | Idem | **2 ore** |
| 3. The functions of green spaces. Social functions. | Idem | **2 ore** |
| 4. The functions of green spaces. Economic functions. | Idem | **2 ore** |
| 5. Compositional principles used to design landscaped landscapes. The principle of functionality or organic design | Idem | **2 ore** |
| 6. Compositional principles used to design landscaped landscapes. The principle of compatibility of the function with the environment | Idem | **2 ore** |
| 7. Compositional principles used to design landscaped landscapes. The principle of unity and harmony. | Idem | **2 ore** |
| 8. Compositional principles used to design landscaped landscapes. The principle of proportionality, economy and the historical principle. | Idem | **2 ore** |
| 9. Style in landscaping. Geometric, informal and mixed style. | Idem | **2 ore** |
| 10. Types of landscaped landscapes, typology, organization and arrangement. The park. City park, for leisure and relaxation, for amusement. | Idem | **2 ore** |
| 11. Types of landscaped landscapes, typology, organization and arrangement. The park. Children's playground, dendrological, natural and sports. | Idem | **2 ore** |
| 12. Types of landscaped landscapes, typology, organization and arrangement. The square. Green spaces with specialized profile. Green spaces in residential neighborhoods | Idem | **2 ore** |
| 13. Types of landscaped landscapes, typology, organization and arrangement. Alignment and promenade. | Idem | **2 ore** |
| 14. Types of landscaped landscapes, typology, organization and arrangement. Recreation garden. Botanical, exhibition, zoological and archeological garden and reservation. | Idem | **2 ore** |

Bibliography


1. Condurăţeanu-Fesci S., Ionescu M., 1994 - *Grădinile şi parcurile terrei*, Editura Albatros, Bucureşti;
2. Condurăţeanu-Fesci S., Sava D., 2005 - Studiu privind speciile de arbori şi arbuşti rezistenţi la condiţiile de mediu şi microclimat caracteristice municipiului Constanţa – Contract nr.111/18.11 2005 realizat cu SC ASTER Consulting SRL, Bucureşti;
3. Florincescu A., 1999 –Arhitectura peisajului. Editura Divya, Cluj Napoca;
4. Iliescu A.F., 1998 – Arboricultura ornamentală. Editura Ceres, Bucureşti;
5. Palade L., 1973 –Arhitectură peisageră. Lucrări practice. Lito. Iaşi;

6. Păun M., Palade L., 1977– Flora spontană, sursă de plante pentru spaţii verzi. Editura Scrisul Românesc;
7. Preda M., Palade L., 1972 –Arhitectura peisajului. Editura Ceres Bucureşti;
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9. Sonea V., Palade L., Iliescu A.F., 1979- Arboricultură ornamentală şi arhitectură peisageră. Editura Didactică şi Pedagogică Bucureşti;
10. Vidican I.T., 2011, Arhitectură peisageră – suport de curs, Editura Universităţii din Oradea;
11. Vidican I.T., 2011, Arhitectură peisageră – caiet de lucrări, Editura Universităţii din Oradea;
12. Vidican I.T., 2012, Proiectarea spaţiilor verzi – suport de curs; Editura Universităţii din Oradea;
13. Vidican I.T., 2012, Proiectarea spaţiilor verzi – caiet de lucrari; Editura Universităţii din Oradea.

| 8.2 Seminar | Methods of teaching | No. of hours/ Remarks |
|---|---|---|
| 8.3 Laboratory | | |
| 8.4 Project | | |
| 1.General principles of landscaping - designing in rural areas; in the urban environment. | In the first hour of the laboratory, the coordinating teacher will 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. Intercative hour. | **2 ore** |
| 2.General principles of landscaping - design horizontal land, flat land; designing on sloping land. | Presentation by the students of the written report (synthesis material). An interactive theme will address a new theme. | **2 ore** |
| 3.Parts of landscaping projects. | Idem | **2 ore** |
| 4.Elements of landscaping: land, traffic, the vegetation, decorative and functional buildings, water. | Idem | **2 ore** |
| 5.Research and analysis of pedoclimatic conditions. Documentation data. | Idem | **2 ore** |
| 6.Research and analysis of socio-cultural conditions. Documentation data. | Idem | **2 ore** |
| 7.Execution of plans and drawings. Organizing and structuring space. | Idem | **2 ore** |
| 8. Design of the traffic system. | Idem | **2 ore** |
| 9. Designing a park. | Idem | **2 ore** |
| 10. Designing a square. | Idem | **2 ore** |
| 11. Designing alignment and a promenade area. | Idem | **2 ore** |
| 12.Designing green spaces in residential areas. | Idem | **2 ore** |
| 13. Designing a garden. | Idem | **2 ore** |
| 14.Design of a recreation forest or reservation. | Idem | **2 ore** |

Bibliography

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* 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;<br>For notes> 5: all topics should be treated at the maximum standards | Written or oral exam - 1-2 hours duration. | 50 % |
| 10.5 Seminar | | | |
| 10.6 Laboratory | | | |
| 10.7 Project | Presentation of the project in the form of a general plan, details, case studies, with justifications.<br>The presentation of the topic studied will be done in 3D program. | - The attendance at classes and the achievement of all the themes are a prerequisite for taking part in the exam;<br>- Share project final grade is 50%.<br>- Recovery of only one | 50 % |

| | | | |
|---|---|---|---|
| | | remaining laboratory session is allowed (in the last week of the semester) | |
| 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 | Signature of course holder** | Signature of seminar laboratory/project holder ** |
|---|---|---|
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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.