

Course RQ02010: PRINCIPLES OF LANDSCAPE DESIGN

1. General information

- Term: 3
- Credits: **Total credits 2 (Lecture: 1,5 – Practice: 0,5)**
- **Self-study: 6** credits
- Credit hours for teaching and learning activities: 30 hrs
- Self-study: 90 hrs.
- Department conducting the course:
 - Department: Horticulture & Landscaping
 - Faculty: Agronomy
- Kind of the course:

Foundation <input type="checkbox"/>		Fundamental <input checked="" type="checkbox"/>		Specialization 1 <input type="checkbox"/>		Specialization 2 <input type="checkbox"/>	
Compulsory <input type="checkbox"/>	Elective <input type="checkbox"/>	Compulsory <input checked="" type="checkbox"/>	Elective <input type="checkbox"/>	Compulsory <input type="checkbox"/>	Elective <input type="checkbox"/>	Compulsory <input type="checkbox"/>	Elective <input type="checkbox"/>

- Prerequisite course(s): none

2. Course objectives and expected learning outcomes

*** Course objectives:**

- Knowledge: Course aims to provide learners with knowledge about landscape design at the request of customers.
- Skills: Course trains learners in skills in design, data collection, and selection of appropriate materials in landscape design.
- Attitude: Course provides for learners the attitude to actively update knowledge and improve professional skills in the field of landscape design.

*** Course expected learning outcomes**

Notation	Course expected learning outcomes After successfully completing this course, students are able to	PLO performance criteria
Knowledge		
CELO1	Apply knowledge of landscape and landscape design to the selection of landscape design ideas that meet specific cultural, social, environmental and economic needs.	3.1 (P)
CELO 2	Apply knowledge of landscape design to the design of landscape works according to the set goals	3.2 (P)
Skills		
CELO 3	Correct implementation methods of surveying the current state of landscape design	6.3 (P)
CELO 4	Collect information on the current status of landscape works with stakeholders effectively.	5.1 (P)
Attitude		
CELO 5	Open to creative ideas in landscape design	10.3 (I)

3. Course description

Brief description of the course: Basic objects in landscape design; Steps to take in landscape design; Visual elements in landscape design; Landscape design of specific areas

4. Teaching and learning & assessment methods

CELOs	CELO1	CELO2	CELO3	CELO4	CELO5
Teaching and learning					
Lecturing	x	x			
Teaching through practical work			x	x	x
Seminar	x	x			x
Assessment					
Rubric 1. Seminar (20%)	x	x			x
Rubric 2. Practical (20%)			x	x	x
Rubric 3. Mid-term exam (10%)	x				
Rubric 4. Final exam (50%)	x	x			

5. Student tasks

- Attendance: All students must attend fully and on time all theoretical and practical sessions. Actively participate in discussions, ask questions, answer questions.
- Preparation for the lecture: All students must prepare lessons before coming to class at the request of lecturer.
- Assignment: All students must attend fully, be on time and complete assignments as required by lecturer.
- Mid-term exam: All students must attend all required midterm exam
- Final exam: All students must attend the final exam.

6. Text books and references

*** Text Books/Lecture Notes:**

1. Nguyen Anh Duc (2020). Lecture on Principles of landscape design. Vietnam National University of Agriculture

*** Additional references:**

1. Hutchison, E. (2019). Drawing for landscape architecture: sketch to screen to site. Thames & Hudson.
2. Booth, N. K., & Hiss, J. E. (2018). Residential landscape architecture: design process for the private residence. Prentice Hall..
3. McVeigh, J. (2017). Encyclopedia of landscape design: planning, building, and planting your perfect outdoor space.

7. Course outline

Week	Content	Course expected learning outcomes
1	Chapter 1: THE BASIC CONCEPTS	

	<p>A/ Main contents: Theories: (2 hours) 1.1. The basic concepts 1.2. Concept of landscape architecture 1.3. Concept of landscape design 1.4. The position of landscape design principles in landscape architecture</p>	CELO1, CELO2
	<p>B/Self-study contents: (6 hours) Learn the history of landscape architecture in Vietnam and the world Learn the skills and knowledge required of a landscape design engineer</p>	CELO1, CELO2
	Chapter 2: FREQUENT TYPES OF GARDEN IN LANDSCAPE DESIGN	
1-2	<p>A/ Main contents: Theories: (3 hours) 2.1. Sort by function 2.2. Sort by nature 2.3. Sort by layout 2.4. Sort by garden style</p>	CELO1, CELO2
	<p>B/Self-study contents: (9 hours) Application of current garden types in Vietnam and the world</p>	CELO1, CELO2
	Chapter 3: BASIC OBJECTS IN LANDSCAPE DESIGN	
3-4	<p>A/ Main contents: Theories: (5 hours) 3.1. Basic constituent elements 3.2. The basis of landscape composition 3.3. The main rules of layout 3.4. Sorting Rules</p>	CELO2
	<p>B/Self-study contents: (15 hours) Learn how to apply each element and rule in landscape design</p>	CELO2, CELO5
	Chapter 4: PROCESSING STEPS IN LANDSCAPE DESIGN	
4-5, 6-8	<p>A/ Main contents: Theories: (4 hours) 4.1. Site survey 4.2. Capturing the needs of investors 4.3. Deploy pictures 4.4. Complete design</p> <p>Practice (8 hours) Lesson 1: SKETCH LANDSCAPE ELEMENTS - Tree visualization - Paving surface rendering - Water show</p>	CELO2 CELO3, CELO4

	<p>- Dynamic line state visualization</p> <p>Lesson 2: SURVEY, ANALYSIS OF THE CURRENT SITUATION OF SITE</p> <ul style="list-style-type: none"> - Determine the direction, locate the land and the works in the land - Measure and redraw the land - Locating the characteristics of the project - Presentation of drawings <p>Lesson 3: VILLA LANDSCAPE DESIGN</p> <ul style="list-style-type: none"> - Site survey - Find ideas - Finalize the design <p>Seminar/discussion: (2 hours)</p> <p>Students are divided into small groups of 5-6 students each. Each group explores 1 landscape design topic at the request of the lecturer</p>	CELO2, CELO5
	<p>B/Self-study contents: (42 hours)</p> <p>Learn the content and structure of the landscape drawing profile, the types of drawings and the ways to represent landscape drawings</p>	CELO2; CELO2, CELO4
	<p>Chapter 5: SHAPING ELEMENTS IN LANDSCAPE DESIGN</p>	
5-6	<p>A/ Main contents:</p> <p>Theories: (3 hours)</p> <ul style="list-style-type: none"> 5.1. Topographic 5.2. Water surface 5.3. Green trees 5.4. Architectural works 5.5. Sculptures, decorative paintings 	CELO1, CELO2
	<p>B/Self-study contents: (9 hours)</p> <p>Learn the application of visual elements in landscape construction</p>	CELO1, CELO2
	<p>Chapter 6: LANDSCAPE DESIGN IN SPECIAL AREAS</p>	
6-7	<p>A/ Main contents:</p> <p>Theories: (3 hours)</p> <ul style="list-style-type: none"> 6.1. Villa campus design 6.2. Landscape design of parks 6.3. Landscape design flower garden 6.4. Square landscape design 	CELO1, CELO2
	<p>B/Self-study contents: (9 hours)</p> <p>Learn and compare the design of typical landscape works between Vietnam and the world</p>	CELO1, CELO2