















FUNDAMENTALS OF LANDSCAPE ARCHITECTURE



Course name: Fundamentals of landscape architecture

Number of credits:

Lecturer

4.8 ECTS/3MCTS

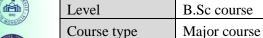
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Period: Fall semester

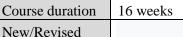
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Mongolian University of Life Sciences Host institution











Revised https://online.num.edu.mn/dashboard



Summary

E-course link



The course introduces the basic concept and style of landscape architecture and consists of two main parts: the concept of landscape - style, and the beauty of the landscape. The first part includes the concept of landscaping - development, concept of landscaping - importance, skills of landscape architect, research of landscape architect, goals - needs of landscaping, landscape development, and classification of landscape styles. The next part is elements of natural beauty, aesthetic elements and principles of landscape design, points, lines, planes and surfaces, shapes, directions, light and shadows, texture, size, color, axis, principles and theories of landscape beauty. content.







Second grade undergraduate students



Prerequisites

Required courses (or equivalents)

Black nature morte LMD 252

Aims and objectives

The course aims to get familiar with the basic principles of landscape architectural planning and to provide knowledge about the theory of harmony between spatial elements and form of design planning through lectures. The aim is to teach the use of environmental research through practical lessons and to specialize in the planning skills of trees, shrubs, and roads. Studying this lesson will help the student to master the ability to develop images using the results of design composition.

The authentic tasks

- ~ Shape, light, shadow, color, graphic, perspective structure of objects and phenomena
- ~ Draw graphic scenes of trees and shrubs with dots and dashes

General learning outcomes:

By the end of the course, successful students will:



By studying the course, while mastering the basic knowledge of landscape architecture, students will acquire the ability and practice of correct use of images at the initial level by applying the principles and theories to research. In terms of theoretical knowledge, the knowledge written in the content section of the course will be acquired based on the basic textbook.







Overview of sessions and teaching methods

Classes use most of the interactive, self-directed thinking techniques in teaching and learning, and avoid regular lectures and presentations if possible

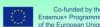
Learning methods	 □ Video presentations □ Interviews, surveys, fieldtrip, group work, written articles/essay □ Project Based Learning □ Literature review □ Stakeholder analysis/client consultancy
	Week 1: The concept and development of landscaping
	Week 2: Landscape architect skills. Landscape architectural research
	Week 3: The purpose and need for decoration. Landscape development
	Week 4: Landscape style classification
	Week 5: The beauty of the landscape
	Week 6: Aesthetic elements and principles of landscape design. Point. Line
	Week 7: Flat or surface. Shape. Direction
Course	Week 8: Light and shadow.(contrast)
outline	Week 9: Color. Axis
	Week 10: Principles and theory of landscape beauty
	Week 11: Radiation. Repetition. Gradation.
	Week 12: Rhythm. far near
	Week 13: Shelter exposure. Illusion.
	Week 14: Borrow vied. Angle of the eye view.
	Week 15: Proportion
	Week 16: Composition of elements

Course workload

Activities	Learning outcomes	Assessment	Workload (hours)
In-class activities			
Lectures	Understanding theories, concepts, methodology and tools	Class participation	
Moderated in-class discussions	Correct composition of elements in landscape space	Class participation and preparedness	















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for discussions

		for discussions	
In-class assignments, field assignment	Class participation and preparedness for assignments		
In-class assignments, field assignment	Reading and discussion of assigned papers for seminars and preparation for lectures	Class participation, creative and active contribution to discussion	
Independent work			
Individual work:	Planning and perspective drawing of trees, bushes, shrubs rocks site planning with chairs site planning with bower site planning with trees, bushes, shrubs site planning with complex elements	Quality of perspective drawing and individual planning	
Total			

Grading

The students' performance will be based on the following:

1. Attendance – 20% Assessed by access to e-courses

Assessment

- 2. Progress examination 20%
- 3. Skill examination 30% 4. Final examination – 30%

Course schedule

Week	In-class hours	Торіс	Туре
1	2	The concept and development of landscaping: The concept and importance of landscaping	Lecture
	2	Coniferous tree depiction (black and white)	Seminar
2	2	Landscape architect skills. Landscape architectural research	Lecture
2	2	Image of a deciduous tree (black and white)	Seminar
3	2	The purpose and need for decoration. Landscape development	Lecture
3	2	Сөөгний дүрслэл (хар цагаан)	Seminar
4	2	Landscape style classification	Lecture
4	2	Stone image (black and white)	Seminar
5	2	The beauty of the landscape: Elements of natural beauty	Lecture
3	2	Chair area plan planning	Seminar
6	2	Aesthetic elements and principles of landscape design. Point. Line.	Lecture
0	2	Shaded area plan planning	Seminar
7	2	Flat or surface. Shape. Direction	Lecture















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	2	Planning of trees and shrubs	Seminar
8	2	Light and shadow.(contrast) Texture. Size.	Lecture
•	2	Plan planning with trees, shrubs, shades and chairs	Seminar
9 –	2	Color. Axis.	Lecture
9	2	Plan the area with chairs and paint them in color	Seminar
10	2	Principles and theory of landscape beauty: Symmetry. Constrast. Uniformity	Lecture
•	2	Shaded area plan planning coloring	Seminar
11	2	Radiation. Repetition. Gradation	Lecture
11	2	Planning of trees and shrubs	Seminar
12	2	Rhythm. far near	Lecture
	2	Plan, color, plan trees, shrubs, shades and chairs	Seminar
13	2	Shelter exposure. Illusion	Lecture
13	2	Perspective construction of chairs construction	Seminar
14	2	Borrow vied. Angle of the eye view	Lecture
14	2	Perspective construction of shadows	Seminar
15	2	Proportion	Lecture
13	2	Perspective construction of trees and shrubs	Seminar
16	2	Composition of elements	Lecture
10	2	Perspective structure with trees, shrubs, shades and chairs	Seminar
	•	Lecture 32	
		Seminar 32	

Course assignments/tests

At the end of each lecture lesson, there are key questions to reinforce the understanding of the topic, which the students answer to strengthen their knowledge. By practice, the students will complete the tasks of the drawing lesson independently, so that at the end of the practice lesson, they will learn to develop the landscape architecture image with the correct proportions.

Literature

Compulsory:

1. Yoon Pyung-seop Landscape architecture (2011)

Recommended:

1. Kh.Munkhtuvshin Graphic handbook of trees, shrubs and bushes (2022)

TRAINING MATERIALS:

- 1. A guide to landscape trees, shrubs, and shrubs
- 2. Perspective construction
- 3. Watum paper
- 4. Color paints (pencils, watercolors, etc.)

