



Department of Architecture
College of Engineering
Salahaddin University – Erbil

Subject: Landscape Design
Course Book: Year-4

Lecturer: Suzan Tahir Ismail
MSc University of Baghdad 1999
suzan.ismail@su.edu.krd

Assistant Lecturer: Ahmad Ismail
The University of Salahaddin- Erbil
ahmed.alauldeen@su.edu.krd

Assistant Lecturer: Alifa Babakir
Manchester University 2009
alifa.muhammed@su.edu.krd

Assistant Lecturer: Awat Lateef
The University of Nottingham 2015
awat.qader@su.edu.krd

Assistant Lecturer: Saya Jamal
The University of Salahaddin- Erbil
saya.rashid@su.edu.krd

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bringing together the natural balance between the needs of people and ecology .It also considers wise land use and aesthetics in the work.

In Landscape Architecture program the students will explore:

- The social, cultural, and ecological processes that form and contribute to the landscape
- The materials and management of landscape design, including the latest technologies.
- How to design urban environments that sensitively interact with the Erbil city landscape
- Landscape architecture history.

Landscape Architects can take on many roles—from designer to land-use mediator to conservationist. Landscape design course is highly regarded in the architecture and industry and enables students to enter many professions including:

- Urban design
- site planning
- Town or urban planning
- Environmental restoration
- Parks and recreation planning
- Green infrastructure planning
- Design, planning and management in many situations.

11. Course objective:

The course enables the students to:

1. Gain theoretical knowledge about the basic fundamentals concerning Landscape Design and to apply them in a range of sites and scales.
2. Understand the expanded notions of Landscape that is beyond designing parks and gardens only, to include every aspect of the urban scene.
3. Learn solving a Landscape Design problem from the very first steps of determining the program, to the site analysis, then the formation of concept and gradually evolving the design to reach finally to the overall design.
4. Have a better knowledge about details in Landscape Design concerning types of plants, surface materials of floors, ceiling and floor in addition to enrichments, and to describe the applications and configurations used for the materials.

12. Student's obligation

- Regular attendance is required according to the university rules.
- The use of mobile phone during the class is prohibited.
- Daily participation and conducting assignments are required.
- Reading the materials & teachers notes daily.
- Preparing the submissions in time, attending the exams, submitting the

presentations and reports.

13. Forms of teaching

6 hrs. in lectures including:

2 hrs. Theoretical

4 hrs. Studio Work / Practical

There will be various types of teaching methods through the course and they will be used to serve a major goal which is developing the cognitive abilities of the students so as to enable them understand, apply, analyse, synthesize, and finally evaluate the knowledge they gain.

There will be PowerPoint presentation for the theoretical part of the course assisted by using white board. This will give headlines, definitions, classifications and other information in brief. This presentation will be backed with the lecturer's explanation.

Concerning the practical part there will be research presentations and also discussions that will encourage team work between the students in one hand, and interaction between the lecturer and students in another hand.

The projects of the previous years besides foreign and local good examples will be illustrated and points of weakness and strength in them will be explained, to reach the point that a student can apply the information he got in a good design for the projects of the course.

Additionally, collective and individual criticism will be the main core form of teaching for the practical part throughout the term till the final submission of the project.

14. Assessment scheme

The module of Landscape Design is a one term material. It's a six hours lecture per week, two hours theoretical and four hours practical. The theoretical and the practical part will have an average of **50 marks** for all the academic semester effort. More specifically, for the practical part: there will be a design project including a research study, prelim submission, pre-final, final degrees, and most important daily degrees.

Thus, the following grade system is used for the evaluation of the module exam:
The module exam is based on the summation of two categories of evaluations:

First: (50%) of the mark is based on the academic semester effort which includes

- midterm examination during the academic semester = **(12%)**
- Report = **(3%)**

- Daily (assignments, classwork, classroom activities, quiz) = (6%)
- Research Study for the project = (3%)
- Prelim submission = (8%)
- Pre-final submission = (18%)

Second: (50%) of the mark is based on final examination which includes:

- Theoretical exam = (20%)
- Practical final project submission = (30 %)

15. Student learning outcome:

The lecturer in this module emphasizes on:

1. Developing student skills to design within a concept, in addition to visualize the landscape spaces as an outdoor room.
2. Understanding the Landscape as a built environment that interacts with aesthetical, social, ecological, and cultural aspects.
3. The students to adopt individual trends in design and to develop their own creative ideas.
4. Linking Landscape to Sustainability, be aware of the new and updated principles of Sustainable Landscape, and to encourage students to apply these Principles in the practical project.
5. Designing projects within the context of the city, taking in consideration the effective impact of the history and culture of Erbil city
6. Enabling the students to design diverse landscape projects with different scales ranging from neighbourhood parks to the landscape of tourism projects that are very demanding in the job market nowadays.

16. Course Reading List and References:

▪ Key references:

- Paul H. Selman, Sustainable landscape planning: the reconnection agenda, 2012, published by Milton Park, Abingdon, Oxon ; New York, NY : Routledge
- March, William M. Landscape Planning- Environmental Applications. John Wiley and Sons, Inc. 2005
- Hannebaum, Leroy G. Landscape Design, a Practical Approach. Prentice Hall. 2002
- Ingels, Jack E. *Landscape Principles & Practice*. Delmor Learning, a division of Thompson Learning, Inc. 2004.
- Christensen, Alan J. *Dictionary of Landscape Architecture & Construction*. McGraw Hill. 2005.

- Useful references:
 - Waymark, Janet. ModernGardenDesign. Thames & Hudson. 2003.
 - Havris, Charles W. Landscape Architecture Time Saver. Nicholas T. Dines. 1998
 - Easton, V.A Pattern Garden:the Essential Elements of Garden Making .First Edition, Timber Press. 2007.
 - Turner, T. Garden History Philosophy and Design 2000 BC-2000AD. First Edition, Spon Press Taylor & Francis Group. 2005.
 - Buchan, Ursula. Planting for All Seasons. Octopus Publishing Group, Ltd 2004.
 - Steenburgen, Clemens. Architecture and Landscape.Spinger.2003.
 - Dee , Catherine. Form & Fabric in Landscape Design. Spon Press. 2001.
 - Dober, Richards P. Campus Landscape. John Wiley and Sons, Inc. 2000.
- Magazines and review (internet):
 - Benson, John; Roe, Maggie 2007, Landscape and Sustainability, e-book, accessed 10 February 2014, <<http://NCL.ebib.com/patron/FullRecord.aspx?p=324866>>.
 - Dinep, Claudia; Schwab, Kristin 2010, Sustainable Site Design : Criteria, Process, and Case Studies for Integrating Site and Region in Landscape Design, e-book, accessed 10 February 2014, <<http://NCL.ebib.com/patron/FullRecord.aspx?p=537317>>.

17. The Theoretical Topics:	Lecturer's name
<p>Theoretical Part (2 hour)</p> <p>1st Week</p> <ul style="list-style-type: none"> - Introduction, course objective, course outlines (The programme, form of teaching, grading, course material) <p>2nd Week</p> <ul style="list-style-type: none"> - Principles of Landscape Design (The latest Definitions, the Process Steps and Design Range) <p>3rd Week</p> <ul style="list-style-type: none"> - Design Analysis (Site Analysis, Analysis of People Needs) 	<p>Suzan Tahir Ismail Ahmad Ismail Alifa Babakir Awat Lateef Saya Jamal (2 hrs)</p> <p>10/1/2024</p> <p>17/1/2024</p> <p>24/1/2024</p>

<p>4th Week</p> <ul style="list-style-type: none"> - Aesthetic Elements of Landscape - Quiz 	31/1/2024
<p>5th Week</p> <ul style="list-style-type: none"> - Design Components of Landscape <ul style="list-style-type: none"> - (Natural Components) - Artificial Components of Landscape <ul style="list-style-type: none"> -The Floor of Landscape (Pathways, Streets),the wall, and the ceiling 	7/2/2024
<p>6th Week</p> <ul style="list-style-type: none"> - Enrichment in Landscape 1 - Enrichment in Landscape 2 	14/2/2024
<p>7th Week</p> <ul style="list-style-type: none"> - Lighting in Landscape. 	21/2/2024
<p>8thWeek</p> <ul style="list-style-type: none"> - Sustainable Landscape - Midterm Exam 	28/2/2024
<p>9th Week</p> <ul style="list-style-type: none"> - Sustainable Landscape Design Strategies 	6/3/2024
<p>10th Week</p> <ul style="list-style-type: none"> - Landscape Design in Mesopotamia and Egypt - Landscape Design in Greek and Roman 	13/3/2024
<p>11th Week</p> <ul style="list-style-type: none"> - Nawroz Holiday 	20/3/2024
<p>12th Week</p> <ul style="list-style-type: none"> - Landscape Design in Chin and Japan 	27/3/2024
<p>13th Week</p> <ul style="list-style-type: none"> - Landscape Design in Europe (Traditional English Gardens) 	3/4/2024

<p>(Traditional French Gardens)</p> <p>14th Week Eid Alfitir Holiday</p> <p>15th Week - Expose & Discuss Landscape Design Projects (Local, Universal)</p> <p>16th Week - Students presentations concerning Landscape topics</p>	<p>10/4/2024</p> <p>17/4/2024</p> <p>24/4/2024</p>
<p>18. Practical Topics</p>	<p>Lecturer's name</p>
<p>Practical Part (4 hours)</p> <p>1st Week</p> <p style="text-align: center;"><u>Designing the Landscape for SHAR PARK IN THE CENTER OF Erbil CITY</u></p> <p>- Giving the program, the site and the requirements. An explanation of the project</p> <p>2nd Week</p> <p>- A study research for the Project with extra explanations & discussions.</p> <ul style="list-style-type: none"> - The Concept. - Analysis with Collective criticism and discussions. - Daily Marks <p>3rd Week</p> <ul style="list-style-type: none"> - Individual Criticism - Daily Marks 	<p>Suzan Tahir Ismail Ahmad Ismail Alifa Babakir Awat Lateef Saya Jamal (4 hrs)</p> <p>10/1/2024</p> <p>17/1/2024</p> <p>24/1/2024</p>

<p>4th Week</p> <ul style="list-style-type: none"> - Submission of soft copy for the final research study - Individual Criticism 	31/1/2024
<p>5th Week</p> <ul style="list-style-type: none"> - Individual Criticism - Daily Marks 	7/2/2024
<p>6th Week</p> <ul style="list-style-type: none"> - First Exhibition. (prelim Submission) - Daily marks 	14/2/2024
<p>7th Week</p> <ul style="list-style-type: none"> - Giving general notes concerning student design. - Individual Criticism - Daily marks 	21/2/2024
<p>8thWeek</p> <ul style="list-style-type: none"> - Individual Criticism - Daily marks 	28/2/2024
<p>9th Week</p> <ul style="list-style-type: none"> - Second Exhibition (Prefinal Submission) 	6/3/2024
<p>10th Week</p> <ul style="list-style-type: none"> - Individual criticism. - Daily marks - A lecture giving some general notes for the final submission. 	13/3/2024
<p>11th Week</p> <ul style="list-style-type: none"> - Nawroz Holiday 	20/3/2024
<p>12th Week</p> <ul style="list-style-type: none"> - Giving a day sketch - Individual criticism. 	27/3/2024

<p>13th Week</p> <ul style="list-style-type: none"> - Final Submission of the Report <ul style="list-style-type: none"> - Discussing the day sketch submission (Points of strength & weakness) - Individual criticism. - Daily marks <p>14th Week</p> <p>Eid Alfitir Holiday</p> <p>15th Week</p> <ul style="list-style-type: none"> - Individual criticism. - Daily marks <p>16th Week</p> <ul style="list-style-type: none"> - The Final Submission of Practical Project 	<p>3/4/2024</p> <p>10/4/2024</p> <p>17/4/2024</p> <p>24/4/2024</p>
<p>19. Examinations:</p> <p>1. Compositional:</p> <ol style="list-style-type: none"> 1. Explain what is meant by Simplicity in Landscape design and how it can be achieved (the answer should be enhanced with drawings). 2. Design shading for a patio area in a house for a situation: - A patio with a direction north west, using hours from 8 a.m. till 12 p.m. in the winter. 3. What are the advantages of using structural solid shading units for roof in landscape? <p>2. True or false type of exams:</p> <ol style="list-style-type: none"> 1. The parts of the hardscape that attract too much attention due to their expansive display, and they need to be minimized are drive ways. True 2. The selected fabricated enrichment that should match the style of the outdoor rooms is only Landscape furniture. False <p>3. Multiple choices:</p>	

- One of the considered points in site analysis process concerning existing vegetation is: -
B-Presence of valuable specimens B- Topography C- Past site uses
- The typical topics to be considered for the analysis of peoples residential needs in the design of landscape is: -
A- all personal preferences B- the time will be spent in the landscape
C- both that been mentioned

20. Extra notes:

For the sake of variety and prevent the repetition of ideas, the teacher changes the projects every two years. Thus, diverse projects with different approaches been deigned.

21. Peer review