

Date:	Examination No.:	Version:2023-2024	Start:10/1/2024
Module Name - Code	Landscape Design- 4138		
Module Language:	English		
Responsible:	L. Suzan Tahir Ismail		
Lecture (s):	L. Ahmad Ismail, L. Alifa Babakir, L. Awat Lateef, L. Saya Jamal		
College:	College of Engineering – Salahaddin University-Erbil		
Duration:	15 week – 1 semester		
Course outcomes:	<p>Landscape Architecture is the sensitive and creative design of the land and spaces we inhabit. This discipline sits at the forefront of rising global interest in the environment, the sustainability of cities and the quality of urban life.</p> <p>In Landscape Architecture program the students will explore:</p> <ul style="list-style-type: none"> • 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. <p>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:</p> <ul style="list-style-type: none"> • Urban design • site planning • Town or urban planning • Environmental restoration • Parks and recreation planning • Green infrastructure planning • Design, planning and management in many situations. <p>The course enable the students to :</p> <ol style="list-style-type: none"> 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.

5. Emphasis on developing student skills to design within a concept, in addition to visualize the landscape spaces as an outdoor rooms.
6. Understand the Landscape as a built environment that interacts with aesthetical, social, ecological, and cultural aspects.
7. To guide the students to adopt individual trends in design and to develop their own creative ideas.
8. Link Landscape to Sustainability, be aware of the principles of Sustainable Landscape, and to encourage students to apply these Principles in the practical project.
9. Design projects within the context of the city, taking in consideration the effective impact of the history and culture of Erbil city.

**Course
Content:**

1st Week

Theoretical Part (2 hour)

- Introduction , course objectives , course outlines(The programme, form of teaching, grading, course material)

Practical Part (4 hours)

Designing The Landscape for SHAR PARK IN THE CENTER OF Erbil CITY

- Giving the program, the site and the requirements. An explanation of the project

2nd Week

- Principles of Landscape Design
(The latest Definitions, the Process Steps and Design Range)
- A study research for the Project with extra explanations & discussions.
 - The Concept.
 - Analysis with Collective criticism and discussions.
 - Daily Marks

3rd Week

- Design Analysis
(Site Analysis, Analysis of People Needs)
- Individual Criticism
- Daily Marks

4th Week

- Aesthetic Elements of Landscape
- **First Exhibition. (prelim Submission)**
- Submission of soft copy for the final research study.

5th Week

- Design Components of Landscape
 - (Natural Components)
- Artificial Components of Landscape
 - The Floor of Landscape (Pathways, Streets),the wall, and the ceiling
- Individual Criticism
- Daily Marks

6th Week

- Enrichment in Landscape 1
- Enrichment in Landscape 2

- Individual Criticism
- Daily marks

7th Week

- Lighting in Landscape.

- **The Pre-final Submission**

8thWeek

- Sustainable Landscape.

- Giving general notes concerning student design.
- Individual Criticism
- Daily marks

9th Week

- Sustainable Landscape Design Strategies

- Individual Criticism
- Daily marks

10th Week

- Landscape Design in Mesopotamia and Egypt
- Landscape Design in Greek and Roman

- Individual criticism.
- Daily marks

11th Week

- Landscape Design in Europe
(Traditional English Gardens)
(Traditional French Gardens)
- Individual criticism.
- Daily marks
- A lecture giving some general notes for the final submission.

12th Week

- Landscape Design in Chin and Japan
- **The Final Submission of Project**

13th Week

- Discussing the day sketch submission
(Points of strength & weakness)
- Students presentations concerning Landscape topics

14th Week

- Giving notes and instructions about the final exam
- Expose & Discuss Landscape Design Projects (Local, Universal)

15th Week

- Students presentations concerning Landscape topics
- Expose & Discuss Landscape Design Projects (Local, Universal)

Literature:

- Hannebaum, Leroy G. *Landscape Design, a Practical Approach*. Prentice Hall. 2002.
- Waymark, Janet. *ModernGardenDesign*. Thames & Hudson. 2003.
- Ingels, Jack E. *Landscape Principles & Practice*. Delmor Learning, a division of Thompson Learning, Inc. 2004.
- Havris, Charles W. *Landscape Architecture Time Saver*. Nicholas T. Dines. 1998
- Christensen, Alan J. *Dictionary of LandscapeArchitecture & Construction*. McGraw Hill.2005
- Easton, V.A *Pattern Garden:the Essential Elements of Garden Making* .First Edition, Timber Press. 2007.
- March, William M. *Landscape Planning- Environmental Applications*. John Wiley and Sons, Inc. 2005.
- 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.

	<p>2004.</p> <ul style="list-style-type: none"> • Steenburgen, Clemens. <i>Architecture and Landscape</i>. Springer. 2003. • Dee , Catherine. <i>Form & Fabric in Landscape Design</i>. Spon Press. 2001. • Dober, Richards P. <i>Campus Landscape</i>. John Wiley and Sons, Inc. 2000. • Inagi, Toshiro. <i>The Garden as Architecture</i>. Kodansha International. 1998 • Sutherland and Lyall. <i>Designing the New Landscape</i>. Thames & Hudson. 1997 • Pluptre, George. <i>Garden Ornament</i>. Thames and Hudson. 1998. • Benson, John; Roe, Maggie 2007, <i>Landscape and Sustainability</i>, e-book, accessed 10 February 2014, <http://NCL.ebib.com/patron/FullRecord.aspx?p=324866>. • Dinep, Claudia; Schwab, Kristin 2010, <i>Sustainable Site Design</i> : 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>. • Paul H. Selman, <i>Sustainable landscape planning</i> : the reconnection agenda, 2012, published by Milton Park, Abingdon, Oxon ; New York, NY : Routledge
<p>Type of Teaching:</p>	<p>6 hrs. in lectures: 2 hrs. Theoretical 4 hrs. Studio Work / Practical</p> <p>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, analyze, synthesize, and finally evaluate the knowledge they gain.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
<p>Pre-requisites:</p>	<p>None</p>
<p>Frequency:</p>	<p>Spring Semester</p>

Requirements for credit points:	For the award of credit points, it is necessary to pass the module submissions and exams. It contains: (midterm exam, classroom activities, report, homework, classwork, assignments, project submissions, final exams). Student's attendance is required in all classes.
Credit point:	8
Grade Distribution:	<p>The module of Landscape Design is a one term material. It's a six hours lecture per week, two hour theoretical and four hour 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.</p> <p>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:</p> <p>First: (50%) of the mark is based on the academic semester effort which includes</p> <ul style="list-style-type: none"> - 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%) <p>Second: (50%) of the mark is based on final examination which includes:</p> <ul style="list-style-type: none"> - Theoretical exam = (20%) - Practical final project submission = (30 %)
Work load:	The workload is 180 hrs. It is the result of 60 hrs. attendance and 120 hrs. self-studies (Assignments, preparation for exam and applications).