



Course Syllabus

Year : 2016/ 2017

1st Semester

Course No.	Course Name	Prerequisite	Credit Hours
0902463	Landscape Architecture	0942324	3
Brief Description	Landscape Design Fundamentals will provide students with the basic skills for graphical representation of the landscape, including the development of site plan, section, elevation, and perspective views. The course will encourage the exploration of sustainable landscape solutions at the site scale based on the concept that a landscape designed for multiple functions (ecological, economic, and social) will meet the needs of society, while minimizing the negative impacts on the future environment.		

Instructor Information

Instructor Name	E-mail	Office No.	Office Hours
Arch. Dania Abdel-Aziz	d.abdelaziz@ju.edu.jo		As shown on the Official bulletin board

Class Time and Place

Days	Time	Location	Department
Sunday - Tuesday Sunday	01:00 - 02:00 02:00 - 04:00	004 Studio	Architecture

Course Objects

Course Objectives	In this course students will be able to imply art and science as well, to arrange lands, spaces and objects upon it, to provide humans with safe, efficient, healthful and pleasant spaces. This course will explore the fundamental qualities of spatial design and terminology particular to exploring design issues also it will emphasize a rational and analytical approach to landscape architecture design through emphasizing on the design process.
Course Outcomes	The objective of this studio is to gain a clear understanding of the design process as is relates to the application of landscape architectural design methodologies including the application of landscape materials, technical skills and effective graphic, written and verbal communication. The studio projects will focus on developing skills in: <ul style="list-style-type: none"> • Understanding how the design process is applied to landscape architecture. • Understanding concept development through various stages of the design process . • Understanding appropriate relationships between program and site. • Creating 2D and 3D space through the use of landform, vegetation, and structures.

	<ul style="list-style-type: none"> Communicating clearly through graphic, verbal, and written techniques. Understanding and expressing critical analysis.
Course Topics	<ul style="list-style-type: none"> Definitions of landscape architecture. The historical development of landscaping. History and Design of Islamic Gardens. Basic principles and elements of landscape design. Landscape design sequence. Plant elements of design. Sustainable landscaping.

References

Text Book	No text book.
References	<ol style="list-style-type: none"> Austin, R. L. (1982). <i>Designing with plants</i>. Van Nostrand Reinhold Company. Booth, N. K. (1989). <i>Basic elements of landscape architectural design</i>. Waveland press. Hutchison, E. (2011). <i>Drawing for landscape architecture: sketch to screen to site</i>. Thames & Hudson. Clay, G. (Ed.). (1979). <i>Water and the landscape: a Landscape architecture book</i>. McGraw-Hill Companies. Tim Waterman, The Fundamental of Landscape Architecture, AVA-Switzerland, 2009 Selman, P. (2012). <i>Sustainable landscape planning: the reconnection agenda</i>. Routledge. Norman K. Booth, James E. Hiss. Residential Landscape Architecture: Design Process for the Private Residence, Prentice Hall 2007. Weddle, A. E. (1967). Techniques of landscape architecture. <i>Techniques of landscape architecture</i>. Treib, M. (Ed.). (2008). <i>Representing landscape architecture</i>. Taylor & Francis. Hudak, J. (1980). Trees for every purpose. <i>Trees for every purpose</i>. Wilson, S. (Ed.). (2002). <i>Guidelines for landscape and visual impact assessment</i>. Taylor & Francis. د. كامل محادين، نباتات تنسيق المواقع في الاردن والشرق الاوسط، عمان.

Grade Determination

A) Exams

Assessment	Description	Weight	Due Date
Sketch design	To be decided by the class instructor	5%	Week 6-11
Midterm Exam	Small design project including all stages to be submitted as A3 booklet.	10%	
Design project	Project research	5%	25%
	Concept submission	5%	
	Prelim. Submission	5%	
	Final Submission	10%	
Final Exam	Theoretical lectures	50%	Week 16
Total			90%

B) Reports

Description	Scope	Weight	Due Date
Report	The students are required to write reports about the various issues of landscape architecture design as directed by the instructor.	10%	To be decided by the class instructor
Total		10%	

Course Outline

Week	Subjects	Notes
1	<ul style="list-style-type: none"> Course Introduction. Historical Background. 	
2	<ul style="list-style-type: none"> Introduction to the project and site. Students will be divided into groups (case study and site analysis). Main Areas of a Landscape: Characteristics, Design Opportunities, and Design Challenges. 	
3	<ul style="list-style-type: none"> The Modern Landscape and The Typical Residential Site. Studio work. Dissection of data collection and conceptual analysis. 	Discuss the topic of the Study Sheet
4	<ul style="list-style-type: none"> The Design Process / Meeting the Clients. Studio work. Site characteristics, the importance of site characteristics on the design process. 	
5	<ul style="list-style-type: none"> Landscape designer tools, soft and hard landscapes, Studio work. Introducing the design project for the midterm exam. 	
6	<ul style="list-style-type: none"> The elements of landscape design structure elements of landscape design (water, pedestrian movement, movement diversion, pavement design, changing in levels, shelters). Studio work. Plantation in the middle east and Jordan. 	
7	<ul style="list-style-type: none"> Principles of Planting Design, Construction Materials and Installation. Studio work. Analyzing Existing Site Conditions. 	
8	<ul style="list-style-type: none"> Midterm exam. Studio work. 	Midterm exam
9	<ul style="list-style-type: none"> Studio work. Functional Diagrams. Base Map Preparation. 	
10	<ul style="list-style-type: none"> Preliminary Design. Studio work. Form Composition. 	
11	<ul style="list-style-type: none"> Environmental Issues of Landscapes, Plants in the Landscape Studio work. Humans and Function: Designing for Activities. 	Study Sheet Submission
12	<ul style="list-style-type: none"> Presentations. Studio work. Presentations. 	
13	<ul style="list-style-type: none"> Presentations. Pre-final Submission. 	
14	<ul style="list-style-type: none"> Presentations. Presentations. 	
15	<ul style="list-style-type: none"> Final Project Submission 	
16	<ul style="list-style-type: none"> Final Exam 	

Course Policies

University regulations are applied to this course regarding; class attendance, punctuality exams, late submissions, absence with permission and penalties for cheating.

Homework

Homework assignment are due at the beginning of class the day they are due. No late homework will be accepted unless prior arrangement have been made with the instructor. *No make-up allowed on homework.*

Class behaviour

Students are expected to be well-disciplined and pay full attention to the lecture, be an “active” listener, respect the right of others to learn and not engage in any behavior (side conversations, using mobile phones) that may disturb the lecturer or the classmates. **BE ON TIME.**