



DEPARTMENT OF HORTICULTURE
FACULTY OF AGRICULTURAL SCIENCES
University of the Punjab, Lahore

Programme	B.Sc. (Hons.) Horticulture	Course Code	Hort-403	Credit Hours	3
Course Title	LANDSCAPE HORTICULTURE				
Course Introduction					
Landscape horticulture is the practice of cultivating and maintaining plants in a designed outdoor space, such as a garden, park, or landscape. It combines horticultural techniques with artistic design principles to create aesthetically pleasing and functional outdoor environments. This field involves selecting and cultivating the right plants for the climate, soil, and intended use of the space, as well as designing the layout, texture, color, and form of the garden. Effective landscape horticulture also requires soil management, efficient irrigation and water management, regular pruning and maintenance, and controlling pests and diseases.					
Learning Outcomes					
On the completion of the course, the students will: <div><div>1. Manage landscape of various premises</div><div>2. Concept of prepare design.</div></div>					
Course Content				Assignments/Readings	
Week 1	Unit-I				
	1.1 Classification of landscape plants				
	1.2 Classification of landscape plants				
Week 2	Unit-II				
	2.1 Propagation and maintance of important landscape plants				
	2.2 Propagation and maintance of important truff grasses. <div>a.</div>				
Week 3	Unit-III				
	3.1 Introduction of landscape design				
	3.2 Hardscape .				
Week 4	Unit-IV				
	4.1 softscape				

Week 5	Unit-V 5.1 Elements of landscape	
Week 6	Unit-VI 6.1 Types of landscapes	
Week 7	Unit-VII 7.1 Suitability of various plants for different purposes.	
	7.2 Suitability of various plants for different purposes and location.	
Week 8	Unit-VIII 8.1 Irrigation system for different landscape	
	8.2 Irrigation system for different landscape	
Week 9	Unit-IX 9.1 landscape planning	
	9.2 landscape planning	
Week 10	Unit-X 10.1 Installation	
Week 11	Unit-XI 11.1 Principle of landscape	
Week 12	Unit-XII 12.1 Foliage and flowering effects	
	12.2 Foliage and flowering effects	
Week 13	Unit-XIII 13.1 Growth habits	

Week 14	Unit-XIV	
	14.1 Importance of landscape horticulture	
Week 15	Unit-XV	
	15.1 Maintance of landscape horticulture	
	15.2Maintance of landscape horticulture	
Week 16	Unit-XVI	
	16.1 Budget estimation	
	16.2 Budget estimation	
PRACTICAL		
Week 1	Study of various soft landscape design	
Week 2	Study of various hard landscape design	
Week 3	Estimation of aesthetic study of stem	
Week 4	Estimation of study of branches	
Week 5	Estimation of study of leaves	
Week 6	Estimation of study of flower	
Week 7	Estimation of study of fruits	
Week 8	Determination of mapping of landscape design	
Week 9	Determination of landscape design for individual houses	
Week 10	Determination of municipal	
Week 11	Determination of national parks	
Week 12	Determination of shaping of plants by pruning	
Week 13	Experiments in training practices	
Week 14	Determination of private visits landscape area	
Week 15	Determination of public landscape area	
Week 16	Laboratory performance overview	
Textbooks and Reading Material		
• Arora, J.S. 2003. Introductory Ornamental Horticulture (4th Ed.). Kalyani Publishers, New Delhi.		

- Biondo, R.J., and C.B. Schroeder. 2006. Introduction to Landscaping Design, Construction and Maintenance (3rd Ed.). International Book Distributing Company (Publishing Division), Lucknow, India.
- Bhattacharjee, S.K. 2004. Landscape Gardening and Design with Plants. Aavishkar Publishers, Distributors, Jaipur, India.
- Gilmer, M. 2002. Water works. Contemporary Books McGraw Hill Companies, Sydney, Australia.
- Hessayon, D.G. 2007. Expert Series (Garden Expert, DIY Expert, The Easy Care Gardening Expert, The Rock and Water Garden Expert). Transworld Publishers, London, U.K.
- Ingels, J.E. 1992. Landscaping: Principles and Practices. Delmar Publishing Inc. New York.
- Raj, D. 2002. Floriculture and Landscaping. Kalyani Publishers, New Delhi.

Teaching Learning Strategies

1. Lectures
2. Discussions
3. Presentations
4. Quiz
5. Assignments

Assignments: Types and Number with Calendar

1. Public and private landscape area in Pakistan
2. Impact of climate change on green spaces in Lahore

Assessment

Sr. No.	Elements	Weightage	Details
1.	Midterm Assessment	35%	Written Assessment at the mid-point of the semester.
2.	Formative Assessment	25%	Continuous assessment includes: Classroom participation, assignments, presentations, viva voce, attitude and behavior, hands-on-activities, short tests, projects, practical, reflections, readings, quizzes etc.
3.	Final Assessment	40%	Written Examination at the end of the semester. It is mostly in the form of a test, but owing to the nature of the course the teacher may assess their students based on term paper, research proposal development, field work and report writing etc.